Duncan I. Dec 13-05

Went up into the interior of the island and packed out tortoise.

Duncan Dec 14-05

Same as yesterday.
There were two or 3 penguins in the little cove where we land they were to wild to secure.

Duncan Dec 15-05

Went up into the interior and skinned and packed out 2 tortoise. There are the usual number of cactus birds in the old crater, several Certhidea were seen but no birds were shot. The flock of doves in the crater shows the effect of our visit they are scarcely half what they were when we came.

Duncan Dec 16-05

Went up into the interior and skinned and packed out tortoise. While skinning a hawk came and lit a few feet away. a rope yarn on the left foot showed that the fellows at camp had caught him before.

[Martins are quite common as three or several were seen every day that I was in the island)

A stone was thrown at him and knocked him over but did not injure him at all. He allowed me to pick him up and feed him pieces of tortoise until he was crammed full. When let go he was so full that he could scarcely fly.

Beck reports having seen several cuckoos. One shot could and was secured by him also one pallida.

Birds on the island as far as I have seen during the two weeks not abundant. Few of the same species are found.

Hawks are quite common and have fed largely during our stay on tortoise meat. One stomach examined had remains of a lizard, another a centipede.

Tortoise seem to be quite common all told in 2 weeks we have secured 80. There are to my belief as many more on the island that could be secured. Beck thinks that there are not 50 But he thought we would not get over 20 this trip.

Rats are abundant dead ones may be found all over the island not much time was put in trapping them but 9 or ten were secured.

Duncan Dec 17-05

Sunday

Monday Dec 18-05

Pulled up anchor at about 7 a.m. and sailed toward Jervis. On the way we passed close to a group of 3 nameless islands. They are what is left of an old crater. For the most part they were barren - very little vegetation showing. Did not stop as they did not look promising. Reached Jervis and dropped anchor at 130

Went ashore in the P.M. There is a low black sand beach covered with a rather thick growth of green stuff behind. This is a salt lagoon of two or three acres extent. On the upper side of this is a fringe of green stuff. Then begins the more or less barren hillside. On the lagoon was one flamingo. A bunch of turn stones were on the shore but were rather wild. There were also a few ducks they were also wild. One plumbeous heron was taken along the beach in

the Cow birds are several brown pelicans nests they contain from $\frac{1}{3}$ to nearly grown young.
The most common bird that I saw was the [illegible]. It is not abundant but several were seen and taken. Stevens is not uncommon several were seen.
Fortis is also rather common apparently.
Fuliginosa as usual.
Scandens [illegible] supposed is quite abundant.
Several warblers were seen in the green stuff near the beach.
Plovers are common but not abundant.
Got back to ship about 4.30 and took care of bird skins.

Jervis. Dec 19-05

Went up into the center of the island and on top of the several high peaks. The highest is about 1050.

Vegetation is not abundant up to 400 feet it is scanty then up to about 700 there is quite thick and high brush no thorns then from there on to the top the growth is about thick in places but easily gone through. Cactus is growing up to the very top but is perhaps more numerous about 700 feet. There are a few thorny plants and the tops of the high hills but not many on the way up.

On the south side of the island are two or three valleys, one is very well filled with brush but can be gotten through easily. There are numerous patches of low cactus in the neighborhood of which are many strenua.

Birds on the other side are more numerous than on this (the north), flocks of fuliginosa ~~and~~ with a scattering of scandens, fortis and a few strenua. They were feeding ~~[illegible]~~ about 800 feet in the low bushes.

There are quite a number of doves they are quite tame. They are for not in flocks but feeding by themselves.
Only two certhidea were seen one at an elevation of 800 and another at about 1000
Scandens is not common, only 2 were shot. They had been feeding from the cactus flowers.
Strenua is quite common especially in the cactus near the top. Those shot had the beaks very wet and moisture dripping from the beaks. The males are singing quite commonly. Testes in a few are very well developed but in others they are not, ~~ovaries and~~ do not show any development. The birds do not seem to be in flocks but where one is seen other will be found somewhere in the vicinity. Four were shot one after the other.
One magnirostris was ~~seen~~ and shot.
Several pyrocephalus were seen and one short plumage ♀ was shot
Mockers are quite common many are singing but the testes and ovaries do not show signs of breeding.
Hawks are not abundant 4 black plumaged ones were seen.
One duck was seen in the lagoon

in the morning and in the a.m. there were seen by Slevin & William.
In a cave on the ~~west~~ East side of the landing place were a couple of seals. I think they were fur seals and shot one with the rifle it turned out to be a of hair seal

Length 6 ft 1½ inch. Skull No. 1. Jervis.

One ~~Black~~ Yellow C. N. Heron was shot near the beach in the green garden. There were no other seen.

~~11 Stormers~~
~~1 flamingo~~
~~1 plumbeous heron~~
~~5 mocker~~
~~1 dove~~
~~2 cattledove~~
~~2 Scandens~~
Dec. 21. ~~4 doves~~
~~1 mocker~~

Jervis Dec 20 - 1905

Stayed on board in the a.m. finished up
what birds were left
In the p.m. went ashore and helped pack
out a big tortoise, Beck found on the
east side of the island. This is the
one that was left by Baur in 1891
It is a large one weighing fully 300 #
after which I hunted birds for an hour
or so. Did not see much besides
doves, mockers and finches and
one or 2 warblers. 2 or 3 black hawks
Birds were not ~~very~~ common on the
lower eastern side, only one mocker and
one or two finches were seen
One magnificent was seen toward the
south side

James Dec 21 - 05

Went ashore about 7 a.m. and spent a couple of hours collecting birds. Walked around the lagoon and on the side of the hill.

Shot 2 (♀ & ♂) yellow crowned herons in a tree near the lagoon. They were very tame not minding the shots although it took 2 or 3 shots each to finish ~~out~~ them.

One duck was shot it was quite leary not coming with in range of the gun. I examined it in one end of the lagoon. Ovaries were well developed. The herons had testes and ovaries well developed both birds were in breeding plumage. ~~It~~ Two or 3 flamingoes were seen but not shot they were wild. Flycatching birds were rather common 11 were shot. In some the ovaries or testes were quite well developed. One pair were seen in copula and shot. No nests were seen. Most of the birds shot were in the green stuff along the beach.

The pyrocephalus was taken along

the shore. the only one seen.
One starrcrossa was taken, here near the beach another was seen but not taken
One pratincola was shot in a tree the only one seen. The
terns were quite well developed.
On the whole except in the trees around the shore of the lagoon
birds are not abundant nor are they abundant in 2 hours time I only
shot 12 or 20 birds and only saw about 10 more that I did not shoot.

11 anthus
1 pygmyplucker
1 warbler
2 y. c. heron
1 duck
1 starrcrossa
1 pratincola
1 dove

Rec so 4 doves
1 anthus

Pulled up anchor 11.40 a.m and sailed for Jones Bay James Island. dropped anchor there
about 4 P.m about $\frac{3}{4}$ miles from shore in 7 fathoms.

James I. Dec 22-05

Went ashore in James Bay in the a.m. There is a fringe of green trees along the sand behind this is a large Lagoon upwards 2 feet deep.

There were a number of ducks on it they. They were unsuspicious all coming over to investigate me. I did not shoot any until later. Went after a Flamingo the only one on this lagoon. It was rather wild not allowing a close approach without tricking at last got it then went after ducks. Had no trouble in getting a dozen. Several were shot with the aux. The ovaries & testes in some are very well developed Breeding season must be close. They are for the most part paired off bunching up when disturbed.

There are on the east side of the lagoon about 2 dozen nests of flamingo. They are platforms of mud about 8 inches high concave on top with no lining Beside each is a hole from which the mud to build them was taken.

No fresh eggs were seen only old rotten ones.

The ducks when wounded do not dive unless absolutely forced to only one out of the dozen was seen to dive. Feeding in deep water is usually done tipping up so that the tail sticks straight up.
~~Small land~~ Other water birds seen around the lagoon were stilts about 8 or 10 of them were seen they are wild uttering their shrill cry when disturbed a flock of about the same number of turnstones were seen they are also wild. Several semipalmated plover and one curlew also wild.
There are apparently no herons around the lagoon.
Small land birds are rather abundant. Cuttlebirds are quite so feeding mostly on worms and warblers, working over the bush plains.
Warblers are common not as ungregarious as some but very tame.
Fodies and fulliginous are common both feeding on the ground and in the bushes.
Warblers are common.
I did not shoot many small birds.
Skinned 8 ducks + 1 plover
Ducks fair to fat (gloriously) lean.

James Dec 23-05

Went ashore this a.m. intending to get small birds and a pig.

In behind the middle rock between the two lagoons is quite a stamping ground for pigs and burros. There were fresh trails in abundance. One place where a burro had slept last night. I jumped one pig near the middle rock did not see it but found trail and could hear it making off.

Jumped another in a small cave a quarter of a mile on. Killed him in 4 shots. It was a big white with black spots boar weighing about 175#. The remains of a burro were found that had been dead some time.

Saved the skull of the one killed No 1 James.

Small birds were rather common early in the a.m. but when I began to shoot they had thinned out.

Pyrocephalus is quite common also M. magnirostris is not uncommon. Two of each species were shot and others seen. In

Two yellowbirds were seen but neither

shot. One Camarhynchus was seen. One strenua was shot. Fortis was perhaps the most common. Geospiza 6 were killed, several fuliginosa were seen and several shot.

Doves were seen occasionally but only two or 3 were shot.

Mockers are the same as yesterday 4 were shot

~~Pla~~ There were a half dozen ducks on the lower lagoon. did not attempt to shoot any.

Back on board at noon and skinned birds

6 fortis
1 strenua
4 mockers
3 fuliginosa
2 pyrocephalus
2 ~~m~~ magnirostris
2 doves
1 certhidea

I saw one sanderling on the beach near where we landed.

James Dec 24-05

Sunday stayed on board.

James Dec 25-05

Xmas celebrated on board. And ate christmas dinner of beans & roast wild pork.

James Dec 26-05

Went ashore near the lagoon

an oyster catcher came up to investigate the landing ~~[illegible] still~~ his curiosity is satisfied.

There were six 10 ducks on the lagoon and 3 flamingoes. I shot the flamingoes and 4 ducks. The flamingoes are rather wild but are easily killed at long range.

The ovaries showed fair development in one of these slight. Two birds ♀ + ♂ were in fine condition the other a young ♀ was in very poor. thin plumage whitish. probably a sick bird

The ducks were a different bunch than before were very tame until shot at once or twice then they became more cautious.

I did not skin any small birds on account of no time to skin them

The only one different from those recorded before was [illegible]

it was rather tame in very warm place. a hawk that I noticed had just caught a lizard. swallowed it whole with out chewing:
Back on board 20 to 1.
Skinned

3 flamingos
1 oyster catcher

Wednesday December 27-05

Went up the hill and into the interior of the island to stay over night.
Going in was rather slow owing to the amount of water we had to carry Ochsner and myself. The first traveling is through a dead bushy weed and is very bad on account of the dead branches snapping back into your eyes and face. This reach up to about 150 feet. From there the country is more open but very steep. Brush is thick in places but numerous clear spaces make travel not very difficult. vines are numerous and seem inclined to wrap themselves around the your neck and feet. By noon we had reach 1000 feet. The country on up to where we camped 1650 feet is a continuation of the the lower country. ferns show up plenty about 1300 feet. The composite tree beam

more and more numerous. Up higher it is the only tree growing to 35 or 40 feet high.
After about 500 feet the birds became more numerous. Tits, scarlets, thrushes are rather abundant but scattered. The Carpodacus is common and various species of that genus are noted one pistacula was seen. Procnoptes is quite common. Many of the ♂ are in breeding plumage with black heads. Many of the ♂ ♀ and a few females of the larger carpodacus have the head and breast colored bright lemon yellow. I think entirely from the yellow pollen of the tree euphorbia and perhaps other flowers. There are rather numerous birds of this species. Black headed males are not particularly abundant.
Bulbuls extend clear up to top from the bottom and are just about as numerous all the way. Many ♂ are bright rufous on the breast.
Camping at 1650 feet in a gully of pine country. Insects were very abundant around camp several were investigating the fire building and camp things.

in the morning (Dec 28) one was still around and sapsuckers, cardinals, towhee and woodpecker. the Bewicks seemed to be the best liked. but he was not sure about them - but at spring.

Set traps set to catch rats and mice. There are not many if any mice. none were caught during the night but two big rats were they are I believe the same species as on Charles Is. Many rats were heard through the brush but on account of only 3 large traps only 2 were caught one one was shot at one oclock a.m. a third saw one. one or two more were seen but they did not give a chance for

December 29.

Went from 1650 up to the top of off the 3 lowest peaks according to the Barometer it is 2000 feet high the highest peak off to the northeast is fully 500 if not 800 feet higher. Ferns and grass are very abundant on top several species, 10 at least, of ferns were counted near one spot.

There are rails around the top several were heard cackling but none were seen nor shot. Here they were not common Best rapids than common near

another peak and shot one.
At the back of the usual [illegible] is
no [illegible] the top. But no new
species were noted
Fly
Sparrow
Flycatcher
Hummingbird
Cormorants
Catbird
Mockers
Burros are numerous in the higher
parts of the island. They are
a very clean limbed animal with
[illegible] ears than the ordinary. Weighing often
800 pounds. A lighter color than the
ordinary burros. They are not
particularly wild allowing one to get
within range. There are many of the
animals throughout the year and
their braying could be heard almost
anytime at night. Two were
shot one a large ♀ and the other a
small young one.
One pig was shot near the top of the
island it had a bad sore on the
side that evidently had been acquired
in a fight. the sore was badly festered

This was the only pig seen, the trails are numerous all over the island. The bunch I shot a small ~~o~~ one was only wounded & went off through the brush finally fell, it ~~and~~ & another started in the most mournful language I ever heard. The unshot one ~~—~~ made off when I came up and killed the wounded one.

Made our way down from the top after spending some time trying to get rails, reached shore in about 3 hours.

Pyrocephalus & Myiarchus are common all the way up.

There are rails probably in all the grassy region. They keep to ~~these~~ the cover very closely. Beck says they are very common

James Dec ~~30~~ 29 -05 ~~Saturday~~ Friday

Went ashore about 3 P.M. In the a.m. skinned birds.

4 crassirostris
3 sibilatrix
1 galapagoensis
4 pyrocephalus
3 strenuus
1 S.E. Owl
1 P. assimilis
1 P. solitarius
1 M. magnirostris
2 rats.

In the a.m. I spent the time getting a dozen ducks, and then looked for frogs. The ducks were as usual tame. I shot 12 ~~of ft~~ out of a flock of 15 before they got wise and left. The ♂ are getting very bright on the bill. The color being intensified when the birds are frightened. The same flock of stilts that has been around all the week were there still wild. A couple of ring plovers and one least sandpiper are around the lagoon.

~~So~~ A few willets and goats, galapagoensis and one strenuus were seen. Also several pyrocephalus, and one or two

myarchen.
Spent the night on shore and tried to get a pig. The only thing I got was about ten million mosquitoes. Between them and watching for pigs I got about half an hours sleep.
A flamingo came into the lagoon during the night. ~~Shot~~
The flock of Stilts were nervous all night ~~nervously~~ calling. They set up quite a loud cry when the flamingo ~~was~~ came in. The arrived once or twice with a coarse [illegible].

Dec 30 - Saturday
Shot the flamingo and a flock of 5 ducks. Saw the same species of birds I did yesterday. Ducks abundant also.
Skinned
12 ducks
1 flamingo

Sunday Dec 31 - 05
Rested & wrote letters.

Monday Jan 1st - 06
Rested & wrote letters.

James.

Tuesday Jan 2-06

Went up the side of the island into the interior intending to stay three days. On account of having 3 days grub & water progress was very slow. We made the interior and an elevation of 2100 feet by 4 P.M.

Birds were rather numerous on the way up. Crassirostra, prosmalis and a few psittacula were seen from about 500 feet up. One psittacula was noticed working on a small twig of a composite for nearly 5 minutes industriously tearing off apparently the bark and eating it.

Below 500 feet about the only birds seen are modesta, certhidea, pyrocephalus, myiarchus, and fuliginosa. They are more or less plentiful all the way ~~up~~ to this level. Fuliginosa becomes less common higher and becoming common again about 1800 to 2000. The others stay common to nearly the top of the higher peaks. [illegible] begins at about 500 feet elevation and remains more or less common up to 2400. A few were seen on top of the higher peaks. Pallida while not common is occasionally seen ~~up to~~ the from the shore up to

2000 to 3500 feet.

Anolis are most common apparently in the green trees about the lagoon while scattered rather abundantly all over.

Pyrrhonota is rather common all over the upper regions of the island

Hawks are noticed all over the island

Doves from the beach to the extreme top not abundant anywhere scattering here and there.

Jan 3 - 06

Stayed up in cabins and hunting rails for rail only.

Rails while not abundant could be heard clucking in the grass and ferns. They are extremely cautious never showing themselves outside of the brush. When a noise as the clapping of the hands is made they will nearly always answer with a rather loud crackle that can be heard about 100 yards through the brush. Some birds answer very well but others when approached close become very timid and quiet. The only way to get them seems to be when one is located to lay down in a convenient place where the ground is and brush beneath the bushes can be

watches and perhaps the inquisitive bird will be seen very cautiously peeking around a fern or bunch of grass. At the least motion they become frightened and like a flash disappear. Very often they will be only a foot or so from your face. As they are extremely cautious it is difficult to shoot them. Very light loads only being possible. Even then a bird may be blown to pieces. Several birds were seen but only one was shot today.

These runways are seen in under nearly every bush. They are about 4 inches in diameter.

Rail are only seen from about 2000 feet up to the top of the island and only where the grass and ferns are thick.

Reached the top of the island about 10 A.M. The country with the exception of the last 300 feet is open and full of burrows or pig trails. The top may be reached in about an hour from where we camped.

There appears to be a grassy zone developing from about 2400 feet up. There is considerable difference in the

vegetation from 2000 feet to the top (Peeto barometer 2750 feet).

Tree ferns were seen growing about 2500 feet. A big leaved solanum is found growing at the about 2400 feet up. The plant grows about 5 feet high and a spread of 4 feet. It Bearing flowers on the main stem at the base of the leaves.

There was a heavy fog all the morning and rain at times the bushes and grass were dripping wet. The fog cleared about 10 but more or less fog hung over the mountain all day.

A few bog willows were seen with muddy water but no clear water was seen.

There are 3 different orchids that are very common.

Reached back to camp at about 4:30 and hunted wild turkeys [illegible] but without success.

The only birds seen near the top were doves, flycatchers, [illegible] rails, hawks, and a few warblers.

Jan 4 - 06.

~~Went~~. Saw many [illegible] a hawk and in camp he came and lit on a branch only about [illegible] feet [illegible]

hook - then flew to a near tree
and was shot.
Went out looking for rails, then after
Shot one all to pieces and that
was the extent of my luck. They
were as plentiful or infrequent [?]
as yesterday ~~not~~ causing a clapping of
hands but rarely. Several were
seen in the grass and ferns in their
runways but ~~were~~ it was impossible
to shoot them.
Went back to camp after shooting
a few dikkops [?] and cormorants
and packed up stuff to carry down
There were 12 or 15 hawks around
camp. Four were eating the body
of a hawk that had been killed the
day before. They were taking their
turns pecking [?] out flesh and entrails not
fighting at all, each ~~waiting~~ waiting until
the other had his bite. These 4 were
shot and inside of 15 minutes 5 more
were down ~~pecking~~ tearing away, and two
others were awaiting their turn outside.
They are very tame almost any of
them allowing themselves to be hit
with a stone or ~~stick~~.
The markings on the hawks are very

irregular in individuals. Several were seen in which a light band ran around the neck the belly being much darker. Others were uniform brownish all over. One bird was seen in which the breast markings were much like those on a duck hawk. Some light birds have few black markings on the breast and belly.
In the P.M. on the way down few birds were seen until about 1800 or 1900 feet a flock containing stramineus and debilirostris was noticed. About 15 or 20 of the latter and 10 of the former were shot. A few fuliginosus were scattered along with the flock. Flycatchers were common along in this place.
At another place about 1500 feet a flock of crassirostris and a few psittacula were seen. A number of the former were shot. Not many birds of each of [illegible] were seen otherwise. A few debilirostris and crassirostris were seen along on the way down. One or two pallida were seen.
After the Cave was reached only a few birds were seen. Doves, warblers, pyrocephalus and [illegible].
King reports a very interesting action on the part of a pallida. It was pecking

woodpecker like at a dead branch an inch and a half in diameter and broke through to a lower hole. It tried to reach in to the end of the hole with its beak but could not reach the bottom. It then flew to a living tree, broke off a splinter an inch or so long, took it in its bill so that the end pointed away from its beak in front and ~~[illegible]~~ then went back to the hole and ran the stick in to feel if there was any grub there. In this particular case there was none and the stick was dropped. Beck reports having seen this same performance gone through 2 years ago. Hogs are very common apparently all over the island. Many ~~dead~~ old skeletons were seen scattered from the lowest parts to the extreme top. The mate at one place killed 4 a big boar two smaller sows and a 1/5 grown pig. One wounded one at another time and place showed fight but a bullet from his revolver stopped him. Burros are very common all over, especially in about 1600 to 2200 feet. One old ♂ was shot. The measurements were

Ear to rump 5 feet 3 in

Shoulder to hoof 4 ft 3 in

Barrell 4 ft 2 in

Hind leg 3 ft 11 inches.

Ear 9 in.

Nose to eye 1 ft 2 in

Head 1 ft 7 in

This was an old animal in fine condition but apparently sick.

The [illegible] seem to be quite bold at times and made a rush for camp when King brayed showing teeth and apparently ready for a fight. There are tracks running up to the top of the island but few or no burros were seen up there.

They must have most satisfactory feed on the luxuriant grass.

Reached the beach by the Cove route with a pig about 5^{30}

A short eared owl killed about 1500 feet had nothing in its crop.

A Barn owl killed at camp in the early eve had two grasshoppers and a beetle.

Ravens were seen yesterday a.m. drinking out of the orchids.

Indefatigable Jan 11th

Pulled up the anchor Jan 5 at James and have spent the time so far trying to get around the S. end of Indefatigable to anchor in Academy Bay. Very light winds and a unfavorable current make progress very slow

Today during a calm dropped the kedge anchor about a mile off shore & and Beck Slevin and myself went ashore

There are several small lagoons near the beach in one there was a bunch of a dozen or so ducks, one flamingo, stilts curlew and a flock of small sandpipers all were tame except the stilts and curlew Beck shot the ducks and flamingo

Small birds were not very numerous around the lagoons. The following were seen.

Certhidea a few
Scandens most abundant geospiza
Fortis a few.
Warblers common
[illegible] 2 or 3

One fortis that was shot ~~had~~ a ♂ had some strands of grass in its beak apparently nesting material.

Scandens is abundant and singing constantly. The plumage of those shot is

much worn.
Plumbeous herons are common along the rocks.
Pelicans are nesting in the mangrove trees.
I found the remains of two tortoise a few feet back from the shore. Both were rather small and turned on their backs the plastron was detached showing probably that they were killed by natives. They were not over a year or two old. One had dung in the shell apparently that that was in the intestines when killed. No skulls were with it.
Much dung was scattered over the surrounding country.
Cactus of both kinds, cereus and opuntia is common.
Warblers were common in the mangroves.
Pulled up the bridge about 12 and started again for Academy Bay.
Dropped anchor in Academy Bay 6.40 P.M. in same anchorage as before.

Indefatigable Jan 12-06.

Went in on the point this side of water hole and around to opposite slip.

Birds were not common. The most abundant is scandens. They are singing quite lively. The ♀ and most of the ♂ are in very worn plumage much more so than they were when we were here before. Two young were shot, they could not have been more than a week or 10 days from the nest. Numerous old birds were around in the vicinity so that the parents could not be positively located. Both birds were on the same bush and near a old nest so I think they were from the same nest. They were evidently under the care of the parents yet. Beak and feet soft. gape very soft. Bones and skull very soft.

Fuliginosa is getting in fine feather ♂ with black heads and bright plumage generally.

Nesiotes were not abundant. Males showed very large testicles.

Myiarchus is fairly abundant. One was shot in very poor plumage, probably due to the great abundance of lice on him. There were two or three at the base of wake

feathers on the head and neck. The others were of in good plumage.

Plover are not common only one was seen

Warbler rather common in mangrove trees

Hawks were common one was shot its stomach was full of centipedes and the remains of a anolis.

Black and light phase were about evenly divided..

Oyster catcher and ring plover were noticed on the beach and rocks

Rail were heard in the mangroves in all perhaps 4 or 5 about an hour was spent watching for them. Two were shot. They were not so inquisitive as the Jamaica rail but will come around and answer when a sudden noise is made. It is much easier to get a shot as they come out in the open mangrove. The testes or ovaries were ~~only~~ not developed at all.

1 Hawk

2 Rail

2 ♂ [illegible]

5 Seanders

3 Myiarchus m.

1 Dove

2 Mockers

Indefatigable Jan 13-06

Went over to water hole. There were no great abundance of birds. Those seen were: Hawks

Pyrocephalus

Myiarchus

Fortis

Certhidea

Doves

There were no crossbills around at all. Hawks continue to eat their dead relatives. 8 were killed with stones.

3 Hawks

4 Myiarchus

3 Mockers

1 Pyrocephalus

1 fortis

1 Certhidea

Monday Jan 15-06

Started for interior of [illegible] with Ochsner, Williams & Gifford.

Birds were not numerous until about 450 feet elevation was reached. [illegible] were [illegible] all along [illegible] Scalesia to about 300 feet [illegible]. A few [illegible] were seen but not commonly until about 450. [illegible] begins about where Scalesia leaves off

Doves were seen more commonly above 350 feet.

No nests or indications were seen in this area or the area above.

About 125 feet orchids and ferns begin. From there the brush becomes thicker and thicker as you go higher and at about 500 feet running ferns begin and the brush is so thick that it has to be trampled under foot.

Rail were first heard about where the running ferns begin.

Lilies were seen first about 600 feet.

A plant resembling [illegible] was seen quite abundant at 750 feet. [illegible] was also common at this elevation.

Made camp about 4 o'clock at an elevation of 600 feet. Rail [illegible] heard

cackling in the brush on all sides. Two were shot in the evening. They seem to be more common from this elevation 1, about 650 feet.

The rails on this island are much more cunning [illegible] and less cautious than the James island species. Individuals act at times very cautious, running away at the first [illegible]. Others will calmly come up to investigate when a noise is made, and will slowly move along through the brush.

Seldom if ever are they seen more than a few inches from the ground, apparently they never make use of their wings. Indeed the breast muscles are very much reduced, and would not sustain a prolonged flight. The best way to get them is, when one is located in a place not too thickly covered with [illegible] and brush, to lay down flat so that the surrounding ground for a few feet can be seen. After a few minutes the little fellow will be seen slowly picking his way through the jungle. Often it may come within a couple of feet. It is necessary to shoot them

with very light colored shells.
Thirty were shot. They show from enlargement of breeding organs. There seems to be quite a variation in size as to individuals. Sometimes a ♂ will be as small as a small ♀. Their call note is much like that of the Jamaica species, but in addition there is a long loud note somewhat like the call of the tropic bird.

Cathartes are very abundant up as high as I went (8000 feet.)

P. gracilis is rather common. It has the habit of flying rather high in the air then hanging like a hawk all the time uttering its song.

Crossostoma [illegible] abundant all the way. They were seen feeding on red berries near camp.

Swallows are common all along the way in the higher altitudes where rain is abundant. Both back-winged.

The owl killed had remains of two carabycid beetles in its stomach.

No bats were seen. Rats are very common they are often seen in the grass during morning and evening. Some were seen and mistaken for rail. There apparently is a larger rat found lower down in the dryer zone that any

be a different species. One was taken by Gifford.
The cry of a shearwater was heard during the night & none were seen during the day.
Birds are apparently not breeding commonly yet indeed none were found at all. Their sex organs are not particularly large.
Returned to the ship Wednesday P.M. Jan 17.

Thursday Jan 18-06
Skinned birds all day.

Friday Jan 19-06
Packed tortoises.

Saturday Jan 20-06
Packed tortoise. This finishes the tortoise from this island for the present making a total of 23

Monday. Jan 22-06.
Scrubbed side of schooner. Pulled up anchor and sailed for Chatham during P.M. Fair wind all P.M.

Tuesday, Jan 23.
Sailing

Chatham

Wednes Jan 24 - 06

Dropped anchor at Chatham 5 P.M.

Raining in P.M.

Thursday. Jan 25 - 06

Rained all day. Went ashore in the A.M. Stayed near the shore and shot 7 adis ^Warbler^ fuliginosa, Myiarchus, Pyrocephalus.

Birds were much more common than they were the last time we were here.

All birds about show breeding signs.

The warbler had very well developed eggs one nearly ready for the shell.

One pyrocephalus was seen carrying sticks.

The rain spoiled collecting. Birds were in poor condition.

Two ostralegus were seen flying down from the higher hills as if from feeding ground.

Friday Jan 26-06

no rain last night and some today
Went ashore in a.m. — up road 2/3
to hill, tired to night.
Birds were rather common

Pyrocephalus common
parvulus "
fuliginosa "
pallida one
mockers common
Habia common
Myiarchus "

cuckoos are quite commonly heard
but seldom seen.
The pallida taken is the first | from
this island, it was hunting insects
~~as once~~ after the manner of a woodpecker
He was sitting in between twigs, a
loud shrill three noted call.
Two mockers nests were found
the first

Was in a Bursera tree 20 feet from
the ground. Loosely ~~built~~ placed in
forks of smaller branches. Consisting
of an outer layer of coarse twigs
a middle layer about 1/2 to 2/3 inch thick
of moss and lichens and a few
balls of sea-island cotton. The inner

longer is of fine roots. Entire width of nest about one foot, diameter of nest cavity about 4 inches, depth about 2 inches. Nest contained 3 bluish green eggs but the color of a white one was slightly speckled. Incubation was so far advanced that they could not be blown.
The nest is a rather loosely constructed affair, not strong enough to stand much wind.
The second nest was in a Pinedia tree about 14 feet from the ground. Nest of the same structure as the first, more carefully built than the first. Contained 3 young just starting feathers. Both parents were around while I was at the nest. The ♀ was the more aggressive, making repeated attacks on my hat and her cry was ... until I made a grab for her then she let out some shrill screams. The ♂ was not demonstrative, merely watching affair. He was first seen with a smooth caterpillar about an inch long in his beak and later with a grasshopper. Both birds and parents were collected.

A [illegible] nest was found in a branch of a [illegible] tree. the entrance to the nest about 2 feet from ground. Branch about 2½ inches in diameter. unfortunately I gave it a slight tap to find if the bird was at home. and the branch broke off falling to the rocks and breaking branch eggs and nest. There were two eggs in the nest. They were of a cream color streaked with light chocolate brown. The nest was built up for about 2 inches in the hollow branch of grass, small twigs, roots, feathers and [illegible] [illegible]. The top and nest proper was made of hair and a few vegetable fibres. [illegible] came and sat a couple of feet from me and was killed with a stone.

A [illegible] nest was found with eggs on account of not seeing the bird it was left for a later day.

All birds show breeding signs. The [illegible] seem to be breeding in [illegible] and [illegible] [illegible] [illegible].

But here we were [illegible] nearly all birds show the peculiar [illegible]

of the feet that is at times common in the birds of the States. At present the rainy season having commenced the feet seem in much better condition. Birds are seen that are lacking toes, nails and even feet.

3 ~~Sm.~~ Myiarchus magis

Saturday Jan 27-06

Went ashore 7 a.m. Cloudy a slight sprinkle during night no rain during day.

Birds are numerous. Those seen during day were.

Myiarchus	several
Pyrocephalus	common
Fortis	common
Nebulosa	"
Pyrocephalus	"
Warbler	"
Cuckoo	several heard

Several nests were found but mostly in an unfinished condition.
A pyrocephalus nest was found about 6 feet from ground it did not contain any eggs ~~but~~ will be described later.
A Vireo nest was found about 12 feet from ground it was unfinished was left to get eggs from if any later. Both parents were observed carrying sea cotton to the nest and placing it. The ♂ apparently was doing the greater part of the work. Will be described later.
A ~~W~~Warbler nest was found unfinished it was largely composed of sea cotton. The ♀ apparently was doing the building of the nest the ♂ being busy singing and feeding. Nest described later.
T. virginiana nests were found unfinished. One in an opuntia tree about 4 feet from ground will be described later.
A finch nest was found containing 3 fresh eggs. The nest was about 12 feet from ground in a low tree. Opening on the lee side. The bottom platform was built of sticks and above this was built the nest proper of small creepers and vines woven ~~[illegible]~~ loosely and gently arching over the top. The coarse structure of the

nest inside was made of sea cotton and
small sticks + creeper. The nest and
eggs were collected and are now in the
collection. Set mark 1/3 No 576
A cuckoo nest was found with one
egg it will be described later.
All birds except one ♀ finch showed
breeding signs.
The deformed condition of the feet still
shows one ♀ finch was shot in
which the rear toe on one foot was very
much enlarged the claw was pulled out
while handling the bird.
Finch is the most common species at
present
Very few cuckoos are seen near to the
beach. Back ~~from~~ inland several and some
more up near the hill at about 500 feet
two dozen cuckoo were observed near
to the beach on this side of the hill

Jan 29-06

Day cloudy early clear later and hot.
Went alone 7.30

The cuckoo nest that I found Saturday with one egg is deserted the one egg destroyed. The nest was in a low tree about 9 feet from the ground. Was stronger in construction than the cuckoo nests I have seen in the states. Construction of sticks and lined with moss and lichens. The nest cavity was about 3/4 of an inch deep and about 3 inches across. The old birds were not seen in the neighborhood of the nest but one of them was heard close by. Clifford took a picture of the nest.

I found another cuckoo nest today. It was an new nest of the same construction as the above. Pieces of egg shell were left in the nest, the eggs having been destroyed, presumably by rats.

The pyrocephalus nest found with nothing in it, was built on a horizontal branch at a branching place, nest built of moss and lichens and a few sticks and fine roots or creepers. The nest is of a flat structure, the cavity being very shallow. The birds did not seem greatly alarmed when I was investigating the nest.

♀ Pyrocephalus that have fair sized
eggs in this oviduct. Stafford found
a nest about 20 feet from the ground
with 2 eggs. Both eggs were broken. They
were fresh. Beck took one Saturday
with 2 incubated eggs.
There seem to be many young of pyrocephalus
around as many birds are seen with just
a small crown patch brightly colored. Many
of are in full breeding plumage.
A warbler nest was found containing one
egg. It was about 9 feet from the ground
among the slender branches of a lone tree.
The ♀ was flushed from the nest. Both parents
were rather excited when I was at the
nest. Nest constructed of cotton
bolls and [illegible]
Another nest in tree about 12 feet from
ground contained 4 partly incubated eggs
Birds made no resistance when nest
was robbed. Nest of usual
construction.
T. elegans nest about 8 feet from
ground in [illegible] tree contained 4 fresh
eggs. Bird was not seen after the nest was
robbed. Eggs and nest taken.
Another nest was found with about
week old young 2. Nest about 7 feet
from ground. Old birds were not seen

in neighborhood of nest.
Many mockers nests were found with nothing in them, apparently fresh nests. Also many [illegible] nests were found either in an unfinished state or just about finished.
The following birds were seen

Catbirds a few (2)
Mockers common
Fulvigenous "
Tolas " (2)
Cassinotis a few (2)
Pomatalis common (2)
Pyrocephalus " (2)
Hyorden " (1)
Warblers " (1)
Ducks two were seen on a small pond in sugar field.
Gallinule one seen in same pond with ducks.
Pallida 4 were taken by Gifford

A nest was seen in a hole in dead tree but was not taken. It looked much the same as the nest taken in Chuckwalla where another was seen by Gifford. They are apparently not common in the brush.
Cats seem to be numerous some have been seen and signs of many others found.
Burros are also rather common signs

of these are found very close in the bush.
Cuckoos are heard rather commonly
through the bush. Some were seen in
the century plants around the side of the
sugar field.
Ran onto trail on right of hill that
took me up into the sugar field to the
right of the entrance. There are
many lemon trees and trees called
guava by the people but they are more
like pomegranites.

~~Monday~~ Tuesday Jan ~~29~~ 30 - 06
Pulled up anchor about 8 a.m. and
sailed for Hood. About 10 miles off
at night. A few tropic birds
and sooty terns were seen. Also
[illegible] & Webster boobies.

~~Thursday~~ Wednesday Jan 31 - 06
Reached Hood Island about 3 P.M.
Anchored half way between Gardner &
Hood where schooner is in full swell.
Hood looks somewhat green
over the top but dry along the beach
and up 200 or more feet.

Hood.

Thursday Feb 1-06

Went ashore this morning. Walked a mile along our shore. Birds seen were.

Cactornis	common	(12)
Certhidea	"	(9)
F. fuliginosa	"	(1)
Nesomimus	"	(5)
Doves	a few	
Myiarchus	"	2

Most of the birds seen seem to be in worn plumage. The cactornis are in pairs. They were found feeding by themselves on the ground. Of 12 birds killed only one was a ♀. Most of the ♂ were in full black plumage save the same as the ♀. The testes of some males show a little larger. ♀ Certhidea are in fair plumage, but ♂ are in much worn. Sex organs show no development.
F. fuliginosa show no development
Nesomimus are in very worn plumage - the sex organs are enlarged. One ♀ had eggs as large as . They will be nesting soon.
Remarkably few doves were seen.
Myiarchus shows a little development of

a bunch of 8 or 10 turnstones were seen along the beach. They were quite wild not allowing approach within gunshot.
sex organs. They are not abundant only 3 or 4 were seen.
Gifford + Beck went down to albatross colony, but found no albatross all having left the island
young [illegible] were seen just about able to fly.
Cormorants were nesting on ledges along the cliff. nests built up an inch or two of small pebbles and eggs placed on top
Frigate birds are beginning to nest again
Sooty tern were found nesting. Nest built of feathers on ledge.
Tropic birds were found with young
Shearwaters are apparently mating

Friday Feb 2-06

Stayed on board and skinned birds
tropic 10   Yellow C. H. 1
Cormorant 1

Hood

Friday Feb 2–06

Three seals killed today measured

Length	5 ft 11 in	~~4~~ 5 ft 2 in	5 ft [illegible] in
" tail	.4 in	3 in	$2\frac{1}{2}$ in
" hind flip	1 ft 4 in	1 ft 3 in	1 ft 2 in
" f. flipper to end	3 ft 8 in	3 ft 9 in	3 ft 11 in
" Snout to f. flipper	2 ft 8 in	2 ft 8 in	2 ft 5 in
fore flipper	1 ft 8 in	2 ft	1 ft $6\frac{1}{2}$ in
Girth at shoulder	4 ft 1 in	3 ft 9 in	3 ft 9 in
Sex	♂	♂	♀

Hood.

Saturday Feb 3-06

Went ashore on Gardner this a.m. Landed in same place as in September. Birds on the whole were not as numerous as they were ~~at~~ that time but one 20 or 25 Fregatas were seen during the forenoon.

Conolophus is common but not much so as it was.

Lizards are rather scattered.

Certhidea are quite common much more so than in September. 50 could be taken in half a day easily.

Flowers are not abundant only a few were seen.

Birds for the most part are in fine plumage. Some Certhidea are ~~[illegible]~~ in fine but others in very worn.

Mockers are getting some [illegible] new feathers on the head shown in the [illegible].

One conolophus was found with ovaries developed the size of a pea. The plumage of this species shows ~~that~~ they are changing.

The island is ~~[illegible]~~ as dry or drier than when we were here before.

No signs of new nests were seen old nests are quite common

It does not look as though general nesting would begin for some time. A few birds that were not in [illegible] this one now.

Cardinals are singing very commonly and some are mating. Testes show great development.

Cardinals 12 Carolinas 13 Dove 1 Woodpecker 1

Flood. Monday Feb 5-06

Went ashore this a.m. and walked over [illegible] of island. The largest hill I climbed was about 450 feet. Birds are fairly abundant.

Cardinals
Carolinas
Gallinago
Woodpeckers collected
Myiarchus "

A few ~~old~~ new nests were seen and many old. Owing to the low stands of the trees nests are not placed more than six or ten feet from the ground - most of them can be reached without climbing.

Fringillid nests are built of grass and a few vines and sea cotton balls. No birds were seen carrying nesting material. The ovaries of a few mocking birds show considerable development, and testes also. Other birds do not show much development. Plover are getting new feathers on the back, also in the tail the remainder of the plumage seems fair. Mocking birds getting new feathers, many seen with old and new tail feathers. Greater sexual development is shown by the birds near the coast than the inland. There are fewer collectors inland than along the coast. Two Myiarchus killed show good development of testes. Poor plumage. Only one hawk was seen. Sheffield found a mocking bird nest with 4 fresh eggs in brush near the beach.

10 mocking birds, 9 Camarhynchus, 1 Myiarchus, 1 fuliginosa, 1 dove.

G. fuliginosa is feeding commonly on the flowers of a tree legume. Flowers on a catkin somewhat like honey locust. Every tree will have a bird or so feeding. Certhidea are the same as on other islands, feeding on the bushes and trees

after the fashion of a Bush tit.
Certhidea is occasionally seen eating the fruit of Cactus but much often on the ground apparently in search of seeds. Camarhynchus are most common along the beach. Stomachs of the two specimens were taken.
It seems strange that no vultures are seen (Buzzard eagles etc). There were a number around where we were here before but apparently none around now.
Beck went down to the S. end of the island and got a lot of Webster Boobies before [illegible] and [illegible].

Aboard Feb 16-06
Spent the day on board skinning.
Gifford went down to S. end after gulls and Boobies. Returned with one gull, 30 boobies; and eggs of frigate, tropic birds, gulls and [illegible], and a few [illegible] terns.

Flood Feb 7-06

Sailed for fresh water bay Chatham at 6 a.m. could not reach it so went around and dropped anchor at Bosom point anchorage. at 7 p.m. Spent the day skinning birds.

Chatham. Feb 8-06

Went ashore about 7 a.m. Did not get more than 3/4 of a mile from the beach. The country is rather open as far as I went. The most abundant tree is the [illegible]. Everything is quite green.
Birds are not very numerous there being very few near the beach. Those seen were:

[illegible] 3
[illegible] 6
[illegible] 5
[illegible] 4
Warbler 2

All these show breeding signs. All except the warbler are in [illegible] the [illegible] in [illegible] for.
A [illegible] nest was found the [illegible] working on it. It was placed near the tip of a [illegible] branch in a [illegible] Built of dry grass [illegible] be [illegible] [illegible] [illegible] [illegible] in some cases. ~~[illegible]~~ [illegible] were seen feeding on caterpillars in the [illegible] trees, there are many of these caterpillars and the birds seem to have good ~~[illegible]~~ food. Warblers also seem to enjoy

Beck reports seeing what he thinks was a flock of Blue winged teal. 9 in it. They were with a bunch of Galapagos teal and flew before he got within range. the [illegible].

Chatham Feb 9 - 06

Weighed anchor at about 7 A.M. and started to sail around Bacon point into Sappho cove. Owing to light winds we did not drop anchor until 1 P.M.

Went ashore about 3 P.M. The country is more rough than is any other part. There is a great deal of rough lava. Hard slag like stuff. covered with a fair growth of vegetation.

Birds are not numerous. Those seen were.

Warbler	common
Fuliginosa	"
Fortis	not common
Mockers	common
~~[illegible]~~	"

I found one complete nest of fuliginosa but with no eggs. The nest was in a low tree about 5 feet from the ground. Built of grass. woven over and over with a rather large opening for the [illegible] of the nest.

Mockers show breeding signs as I took a nearly formed egg in one.

Mockers were seen feeding on the green caterpillars. They were [illegible]

flying from branch to branch with feathers
wings, much after the fashion that
I have seen the cuckoo doing.
Gifford found several nests but
few eggs.

Chatham Feb. 10 06

Stayed on board this morning
skinning birds.
Went around the cove for what
birds ~~I~~ could find. There
are quite a number of plumbeous
herons in the ~~region~~ mangroves
The birds are in very fine plumage.
One nest was found containing three
pipped eggs. The old ♀ was
on the nest when I found her. ~~The~~
The action much different from
any heron that I ever saw. Sitting
on the nest and would put very
[illegible] forward her [illegible] raising her
plumage and feathers and puffing
out every hand. At the same time
uttering a croaking approach. She
would return to the nest almost
as soon as she would leave. ~~I~~ When
I removed an egg from the nest she
would get very angry and would

get back on the nest as soon as I would remove my hand.

A ~~F~~ Franklin gull was shot while ~~ch~~ on the sand on the left side of the cove. This bird was more white than the common swallow-tailed gull. It is in ~~f~~ winter plumage. The bird was in rather poor ~~plumage~~ condition the plumage rather good. Its organs were not at all developed. Two or 3 noddies were shot and are [illegible]. A few noddies were seen.

Gifford took 3 pictures of the plumbeous heron. One the bird on the nest ~~[illegible]~~ in repose, the other nearly [illegible] and the third showing the nest, eggs, and bird away.

Chatham Feb 11-06

Beck took pictures of the plumbeous heron nest today. The eggs are slightly more pipped than they were yesterday.

Yesterday Beck took a Chatham tortoise one that had lost one leg. It is the first positive Chatham tortoise known to science.

Chatham Feb 12-06

Went in shore after birds.
Birds are not numerous

Anhingas	6 or 7 seen		5
[illegible]	3	"	3
[illegible]		common	4
W. ibis		"	9

The birds are not as inquisitive as ordinary. Evidently having become acquainted with man

Nests are fairly numerous. The most common is [illegible]. There seem to be great variation in the size of the nests of this bird. Some are loose enough so that you can see through them. Others are very thick and cupped. There are few nests that contain 4 eggs. The set of 3 eggs is evidently full. They are slightly incubated and the ♀ had no full laid eggs in her ovaries. ~~Four~~ Comparatively few nests have eggs in them, the season being evidently rather early. Anhingas are not abundant. One nest was found containing 2 fresh eggs. The ♀ had eggs ready for the shell in her oviduct. The nest was built of

coarse twigs and the inner part of small vines and rootlets, with a few cotton bolls mixed up among the twigs and vines. Both birds came very close while I was at the nest and [illegible] [illegible] [illegible] did the birds show any particular fear beyond inquisitiveness and curiosity.
Eggs were taken.
The Galapagoan nest was made of grass and lined in the hollow with cotton bolls. There is no [illegible] in the site in which the bird is placed. The height from the ground varies from 3 feet to six or seven, and [illegible] never seen higher than that, and only about 8 feet.
No [illegible] nest have been seen, but Gifford reports having found one on S Cruz Island. ~~[illegible]~~
Gifford reports having seen a [illegible] [illegible] [illegible] probably the [illegible] [illegible] seen at a height of 30 feet or so. It [illegible] not like the [illegible] [illegible] but like the [illegible] to be seen on the islands off the Mexican coast.
Williams reports seeing a [illegible] in one of the [illegible] [illegible]

been acquainted with the species
The bird was heard to cry and was
seen ~~at~~ [illegible] Huntgin range.
The [illegible] [illegible] are [illegible]
out still [illegible] at 11 a.m. and
one egg that probably will hatch
~~at~~ in the P.M. The old bird
is very much put out at [illegible].
a few [illegible] [illegible] are around
the [illegible] and are [illegible]
[illegible]
Pelican and frigate bird and
[illegible] [illegible];

Chatham.

One anchor was heard near the hill

Tuesday Feb 13-06

Went inland this morning to a hill
bearing S by W from the schooner.
The beach grass runs in for about half
a mile then gives way to a little sand
and many [illegible] bushes.
Birds were not particularly numerous
There is a slight change in the birds
as you get farther from the shore.
Mockingbirds in the hill is fairly numerous
but they were not seen in the grass
land between shore and the hill.
One [illegible] was seen and shot
It had the most perplexing habit of
[illegible] much more than usual
Every time I would look away to shoot
it would fly out of sight just when my
head was down at hand.
Warblers are fairly common all the
way in. Warblers are next to
[illegible] the most common but
only one nest of these was found
it was on the side of the hill in
a low [illegible] bush about 4 feet from
the ground. Nest built largely of
grass and a few cotton threads. There
are [illegible] Bush Birds and
[illegible] others. 3 fresh eggs. One egg in
3 [illegible] nests were found

but mostly in an unfinished or and finishing state with no eggs. One nest of [illegible] in a [illegible] tree. most built of grass and lined with cotton bolls had 3 incubated eggs. too much so to blow. ~~A flycatcher in a~~
Several nests were found built almost entirely of moss and lichens with a few cotton bolls and lined with fine grass and [illegible] grass. Birds yet unidentified. No birds were seen around these nests. If this is not a common bird but is seen sparingly all the way in.
No flowers or other vegetation of like nature were seen. Some small [illegible] are growing on the hill but they seem to be[illegible] the only change in the vegetation.
The hill is 4 or 5 feet high.
After the first few days a storm came up in the a.m. and continued more or less all day. Did not rain much on ship.
In the evening a bat was flying around ship could not get a shot at him

Chatham Feb 14-06

Stayed on board this morning skinning birds. Went ashore for a short time in the P.M. along the coast toward Finger point. did not see many birds.

Mockers	several
Fuliginosa	"
Fortis	"
Warbler	"
Curlew	2
Semi p plover	1
Ruddy turnstone	1
Tattler	2
Larus fuliginosus	1
Pelican	several
Webfoot Booby	"
? Night bird	"

In the evening a bat was flying around ship. I shot him. It has an exp'anse of 14½ inches length 4¾ inches. of a light brownish brown color. This is the second bat that has been taken thus far on the expedition.

On this part of the island there do not seem to be any rats. Beach [illegible] as quiet [illegible] inland. Cats are very abundant one [illegible] [illegible] lizards are seen along the shore evidently looking for crabs.

the day we [illegible] by Dutch [illegible]
flying about about to [illegible]
Otters [illegible] were seen. and
tracks of cattle.

Feb 15 – 06

Pulled up anchor and after sticking on a ledge got out into deep water and headed for Fresh Water Bay. Parker blames the sticking to trucking on the part of the Dutch. about as much sense (spirit) as there would be blaming coal in a gas engine But a lack of competency on his part. Sailed all day going slowly but current too strong. Got within the [illegible].

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Feb 16-17-18-19-20- 06.

all this time was spent trying to get around the N. E end of the island to Fresh Water Bay. with out success.

Wreck Bay. Feb 21-06

Dropped anchor here about 6.30 this morning. Went ashore early and shot birds near the beach. Birds are rather abundant but mostly

Geospiza
[illegible]
Warbler

Went back up to the Hacienda after mail in the P. m.

Birds were rather commonly along the road.

Two scandens were seen along the road. the first I have seen on the island. They were seen very close so there was no mistake

Several young mocking birds were seen. They were in good plumage three miles or so from the coast

The following birds were seen on road

Certhidea
Scandens 2.
[illegible]

Geospiza (common)
[illegible] "
Pyrocephalus " near the base of hills
Myiarchus "
Certhidea a few.

A ~~new~~ governor is in charge of the island, a revolution in Ecuador having changed the government officials. Much formality was gone through in the ~~presentation~~ of the ~~letters~~

In talking with Captain [illegible] of the schooner [illegible] informed his statement in regard to the old tortoise camps on some of the islands. He says he found great [illegible] on [illegible] island in 1892 according to [illegible] they were there before that in [illegible] large numbers but [illegible] about 50 years ago when the tortoises were taken from the island.

He says he ate the last tortoise from Barrington ~~[illegible]~~ 15 years ago and about that time the last one from this island.

He has been in the islands 38 years.

Chillan Feb 22-06

Went in to [illegible] on a [illegible] saddle intending to work up birds in the grassy country. Followed the plain six or eight miles and on the east side of the mountain. Birds were not numerous except in one lemon trees a mile or so beyond the hacienda. A few were seen beyond this but they were scattered. Few [illegible] were seen beyond town all [illegible] seen were [illegible]. The country gone through is pasture land very well covered with grass. It looks for all the world like the California coast range hills. Rolling and grassy hills. The cover is not suitable for the kind of birds found in the [illegible].

I rather expected to see some Bobolinks but did not.

In one boggy land on the S.E. side of the Hill a few Semipalmated plovers were seen. A few small bunches of ~~[illegible]~~ were seen at a distance they were rather wild.

There is one few mixed little bunch

leading toward the S by W. One place near it is a pretty ~~little~~ water fall of about 15 feet height.

A bunch of five [illegible] teal were shot in a small pond near the flume S. of the ~~hill~~ mill. They were tame as usual.

On this same day I went on to the pond at the left of the sugar mill and saw [illegible] and two teal.

One bird was seen in the ~~[illegible]~~ brown patch ~~this~~ in the ~~right~~ left of the road just before reaching the sugar mill. It was small dropped behind a bush too quick to get a shot.

A warbler nest was found near the road in a bush about 4 feet from the ground. About half way to the hill. Nest ~~[illegible]~~ made of materials of, 1st, cotton, bits then grass and small [illegible] woven with [illegible]. Three warbler eggs. ♀ came very close when I was taking eggs. Uttered all the while a [illegible] chirp.

The following birds were seen on [illegible]

on the way down

Pyrocephalus common just below hill
[illegible] "
[illegible] "
fuliginosa "
[illegible] "
warbler "
[illegible] several.
[illegible] "

Several [illegible] were seen in bushes in boggy spot near top of [illegible].

One hawk was seen in pasture about 500 feet above town.

A small [illegible] parrot was seen at one of the houses in the settlement. It was slightly smaller than the common parrot. and had a bluish head (forehead) and [illegible] light green. [illegible] little [illegible].

The ducks killed were 4 ♂ + 1 ♀. The latter was very shy of feathers on the belly as if it were nesting. The ovaries were scarcely enlarged. The testes of the ♂ were much enlarged. I looked for nests around the pond but found nothing.

Pyrocephalus ♀ on marsh [illegible] also ♀ warbler.

The [illegible] on the upper side of the

[illegible] are in full plumage and [illegible] rather delightful.

Feb 23-06 =

Stayed on board and skinned birds all day.

King brought in [illegible] that he shot in a tree about 2/3 of the way to the plantation. [illegible] were [illegible] and [illegible]. The [illegible] not on our [illegible].

The following birds were skinned.

Mockers (?)	3
Cormorant	2
Pyrocephalus (?)	4
[illegible]	1
[illegible]	2
Warbler	2
[illegible]	1
Pyrocephalus (?)	4
Finches (?)	5

Chatham

Feb 24 - 06

Pulled up anchor at 5 a.m. and headed for ~~[illegible]~~. Wind not right so changed to Chatham. Dropped anchor about 2 P.M. Sunday morning in [illegible] Bay.

Terns, Prions (whistling Shearwater) ~~[illegible]~~ and Frigate birds were seen at sea. and a few ~~[illegible]~~ Puffinus.

Chatham.

Feb 25 - 06 Sunday

Beck & Stafford went ashore to get pictures. Got pictures of ~~[illegible]~~ Stilt nest. Black egg.

A penguin was caught on the rocks and brought on board alive. He swims with wings only. At times he utters a cry much like a small tin horn. Apparently calling to the fellow penguins on shore.

Chalk.

Feb 26 - 06

Went alone to Lagoon.
There was a bunch of 25 flamingo
on the lagoon. A small island in
the north end has a dozen or so
nests on it. Around this was a
old birds. I killed three and
6 others out of the main flock.
The nests are constructed of
mud. from 4 to 7 inches high and
a slight concavity on the top. The
pile of mud slightly taper toward
the top. ~~again~~ Through the bottom
the distance is about 10 inches and
across the top 8½.
The mud that the nests were built
of must that must have been carried
from the edge of the pond inasmuch
as there is none on the small island where
the nests are. There are also
very recently dead conch shells and
some numbers of sea shells. These
could not have been dead long and
necessarily must have been carried
out to the island by the birds.
On the island were also a nest
of [illegible] [illegible] eggs. [illegible]
and were built of [illegible] [illegible]

water plants much like pond scum. The nest was placed on the bare bar. and was a slight ridge around the 4 eggs. but probably of [illegible] [illegible]. Nothing was seen of the old birds near the nest. There were still flying around on the lagoon but none were seen near the nest. There were a few feathers around with the [illegible] [illegible]. and one or two [illegible] twigs.

One dead egg was found lying on the bare bar where it had been dropped by the [illegible]. There were 27 or 28 [illegible] around the lagoon. 7 were killed.

The flamingos are rather tame & walked up within range of a bunch of [illegible]. They only walked ahead of me until [illegible]. When I shot I killed 4 of them - the other two remaining with the dead. Very little [illegible] [illegible] [illegible] to [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

While I was [illegible] the birds were very reluctant to leave. In all 26 out of the flock of 29 were killed.

All are in excellent plumage.
There were a good sized flock
of sandpipers and the [illegible] but
I did not get near enough to see
what they were. The only
shore birds possible were
Semi p. plover &
Stilt.
No Curlew were seen
Glenn found a nest of Sandpiper
but the eggs were broken they
were fresh. A mallard
nest with ten eggs was also seen
Wilson & Glenn saw.
Curlew 1
Wilson snipe
Sandpiper
Gifford went down to Champion
island with the motor. Got a
number eggs and seven old
and one young bird.
Pulled up anchor 2:30 P.M. and headed
for Black-beach west. Started
anchor again 10 P.M.!

Chacahua

Feb 27-06

Stayed on board and skinned flamingoes Skinned 5.

We pulled up anchor early and moved up under Fronde to the regular anchorage about a mile higher up.

Rained in a.m.

Black Beach. Feb 28-06

Went up in the interior of the island intending to stay over night and came down tomorrow.

This part of the island is much greener than it was in October. The leaves are out on the trees and many flowers are out. Birds are numerous and nests are in abundance all along the trail. The birds seen below 900 feet are

Mayarchus

Geospiza — nesting

Fronty — "

Scarabeus

passerculus — nesting

Geospiza is most common and is nesting in low bushes and rather larger trees. 15 to 20 feet from the ground. Fronty is almost equally common and is nesting at the same distance

from the ground. I did not
find a single nest that had a
full complement of eggs. All of them
were fresh. 1 - 2 and 3 eggs.
[illegible] [illegible] all the way up to
the [illegible] in about = abundance
[illegible] is not as common in the
[illegible] [illegible]. [illegible]
is quite common there.
I only saw one and heard only
a few [illegible]. Last time we
were here they were quite common.
Only one [illegible] was seen in
the [illegible] [illegible].
The most conspicuous bird in this
region is the [illegible]. They
can be seen flying [illegible] like
in the air giving their sharp
[illegible] on all sides. When perched
on a [illegible] they look not unlike
a bright red flower. They are
neither inquisitive and [illegible]
in man but soon learn to keep
out of range of a stick.
The nests of [illegible] are
quite abundant. They are constructed
of sticks and moss and placed in
a [illegible] or 3 way crotch. [illegible]

much like the nests found of this genus in Chile. The eggs are creamy with reddish blotches. Nests contained either very badly incubated eggs or young birds. In some cases the young were a week or so old. One bird was shot a ♀ that had an egg almost ready for the shell. Two birds were shot that appear young. Beck says that he has found nests in October. These two birds seem then to be last October birds. They had the full plumage of a young bird and ovaries (both were ♀) not showing breeding signs.
Vegetation [illegible] all the way up and from the ravine is receding.
Cinclodes is [illegible] [illegible] and several were seen building nests, mostly in [illegible] [illegible] about 10 to 15 feet from the ground. No eggs were found.
Two or three Cinclodes were found in the [illegible] of [illegible] [illegible] they were evidently using the [illegible] in the central portion of the plumes. The birds shot were fully moulted around the head. The

was in much worse plumage and
the other was in fair.
Rained in P.M.

March 17.

Rained in A.M.
On the way down about three more
parakeets - two of them were
in the act of nest building both of
the nests were just begun were
in [illegible] trees about 12 feet from
ground were started of lichen and
small [illegible].
Two [illegible] [illegible] were seen
on an opening in the [illegible].
and 2 [illegible] teal were shot
in a small pond.
One curlew was seen. and a few
terns shot.
Hogs are apparently very common
several have been seen by Ackerman
and the mate. They are of a
white and tan color some nearly all
one or the other some both mixed. One
was seen of a fawn color. They
weigh approximately 50 #. They are
wild and it is almost impossible
to get within range of one.
Hogs are common on Auckland of

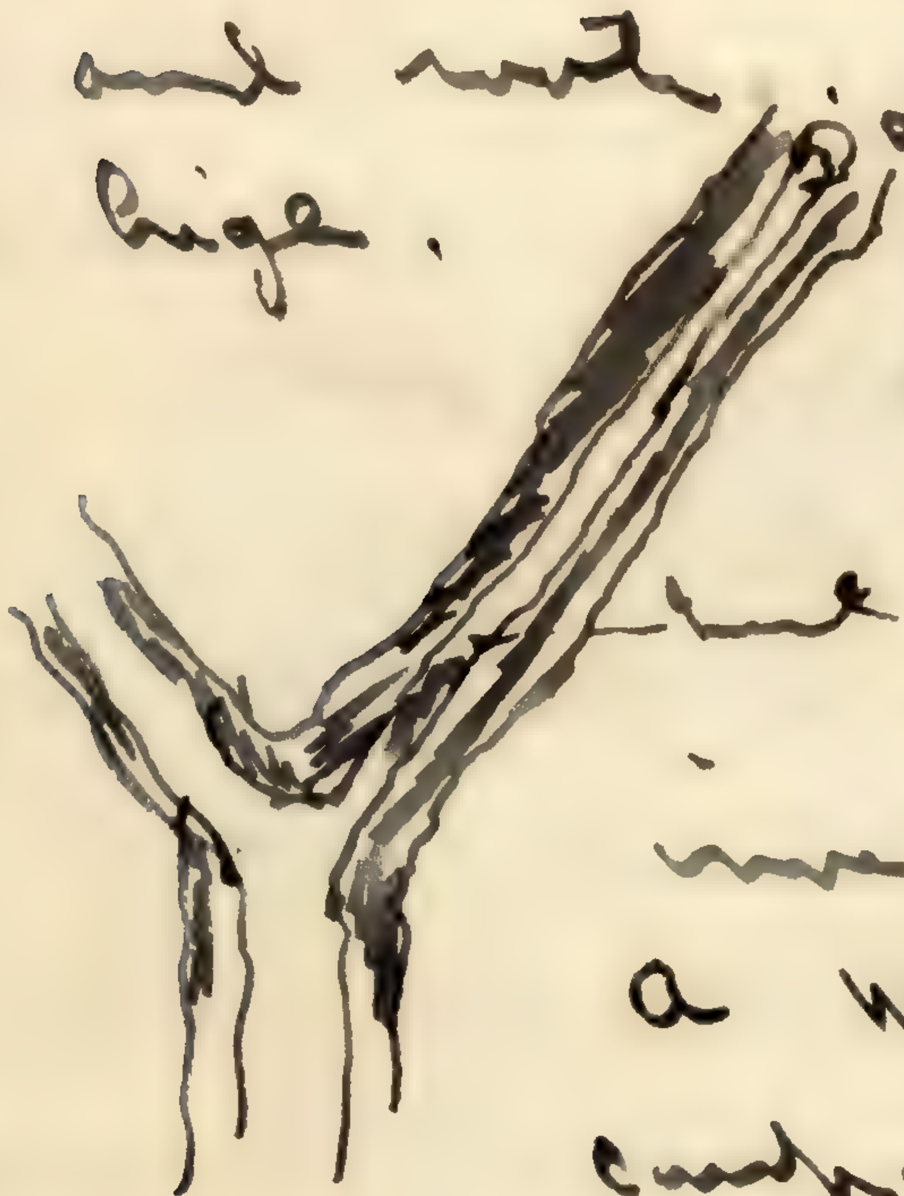
40 x 20 was seen by the fellow
Some of these are large weighing probably
as much as 450 pounds.
Cattle are quite numerous and are
in excellent condition being well filled
out rather more like stall fed
than range cattle.
Burros are common several were
seen they are apparently not as
numerous a looking around on the farm
and are wilder.
Crickets are quite frequently heard
but apparently not seen. Flies
extend from the beach up into the
inner part of the island.
A few [illegible] is seen in
below 900 feet but they are not
common inland in the interior.

Chale

Mch 2-06

Went up into the interior of the island. Did not see any new birds on the way in.

A Nest of Anyrachus in a hole in an orange tree had two well feathered young. The nest is constructed of rather coarse weed sticks and lined with hair and roots. The nest was only about 6 inch high.



The birds when entering the nest went in at the upper end of the crotch (a). The parents made very little outcry when I was investigating the nest, I tried with my hair.

A Warbler nest was found in a cashpirite tree about 12 feet from the ground the nest was built on a foundation of orange or lemon leaves (2 eggs) skeleton and the nest ~~proper~~ cavity + cup built of roots and [illegible]. The parents came around very close but did not make much outcry.

Several Pyrrhuphonia nests were found, but all with fair sized young. The parents are considerably wrought up at my intruding. They are exceedingly active in chasing other birds away from the vicinity of the nest.

Pumpkins or Hummingbirds is quite common in the [illegible] trees on the [illegible] land.

side of the trail. I saw the orange-trees in [illegible] 3 or 4 [illegible] yards. [illegible] was that just beyond the [illegible] at the top of the hill ~~that~~ they are not seen lower than that along the trail.

In feeding they are much like pallidus ~~feeding~~ tearing away the dead bark and searching for what ever they may find. They also feed on the stamens and inside of flowers, for often the head and throat will be much pollen covered. Some of these species as well as pinnatus ~~had~~ have a purplish stain of some fruit juice on the feathers of the breast. In some the stain about the crop was much thicker probably by [illegible] the same substance. The stain [illegible] [illegible] through and can be seen through all the intestinal system. I have seen the same thing in birds killed in the States that had been feeding on elderberries.

Of the 7 birds killed of this species 5 are [illegible]. The two [illegible] show ~~[illegible]~~ breeding signs one is incubation worn, the other but very slightly worn. Some are in much worn plumage and other in good. The song of the species is distinct, being somewhat between that of cinnamomeus and [illegible]. Sometimes the birds will answer and come to the [illegible]

made by pressing the [illegible] to the back of the head and sucking. They are as a rule somewhat wilder than other Geospiza. This species seems to grade very gradually into fortis, the ♀ bill of that species and the reverse of this grading very evenly into [illegible].

P. crassirostris is the most common Geospiza of this type. They are seen along [illegible] will be [illegible] for that species. P. crassirostris are seen from the beach up into the higher portions of the island. As a rule they are in very good plumage. The ♀ are much in evidence [illegible] in the valley.

[illegible] are [illegible] [illegible] a ♂ in fair plumage but not highly marked.

[illegible] is abundant everywhere and is within all [illegible]. Especially nests of fortis and fuliginosa are found but a few feet apart. 8 nests or as many as 4 nests can be found within a radius of 20 feet. These most of either fuliginosa or this species were found built of twig shelter held together with [illegible] and [illegible] with some ~~[illegible]~~ dried grass. Nests for the most part are either unfinished or do not have full complement of eggs

Three ducks were seen on a small pond in the interior.

Frigate birds are quite common flying over the interior of the island.

[illegible] tortoises were seen. Also one or two [illegible] tortoise [illegible] have been seen by me. Beck has several [illegible] but he will not tell where he gets them.

[illegible] are found quite commonly here and there.

Pulled up anchor about 5 P.M. and headed for S. Albemarle. Sighted Brattle about 9.

March 3-06

Owing to Parker's lack of ability we got to windward and could not reach the [illegible]. Spent the day tacking and lost 2 miles. Anchored about 9 P.M. 12 miles West of Settlement.

Birds seen during day.

[illegible] Booby
Webster "
Frigate birds
Noddy tern
Fuliginous gull
Creagrus.

South Albemarle.

March 4th -06

Pulled up anchor about 10 a.m. and by keeping close in shore and making rather short tacks we reached the settlement about 6.30 p.m. The Brigantine Albemarle was at anchor

March 5-06

Went in past the shore settlement and up along the trail to the garden. On the lagoon just to the left of the trail there was a bunch of 15 or so white herons. They looked very pretty in the shallow water. There is reported to have been a volcanic disturbance on this part of the island that has raised the end of the island. The lagoon seems to be drying up very very. The herons, Galapagos gulls, and frigate birds seem to be having a feast on the fish that are now in shallow water. The egrets were wild and every frequently one would take wing and fly to another location. With some trouble I got within range of one and shot it a ♂ in full breeding

plumage with a fine bunch of
Egrets. In the gullet of the bird
were six or seven small fish wedged
along the throat back up. At the
report of my gun the remainder of
the bunch got up and flew toward the
east end of the lagoon. Many other
Egrets were seen during the forenoon
they are evidently rather common on the
lagoon now. Evidently having come
in since we were here last.
A nest was found of either this heron or
the yellow crowned. I did not take the
eggs but will take when clutch is complete
in position.
Other birds seen around the lagoon feeding
on fish were Brown pelicans,
Frigate bird, Yellow-crowned & Black-crowned
Herons. Stilts were rather common
around the lagoon also [illegible]
and Semi-palmated plover. Several
ducks were seen also a few
Gallinules. Gifford reports
having seen a bunch of young teal
(ducklings).
Waders are rather common and
are probably breeding.
The two [illegible] are pelagian.
[illegible] and [illegible] are common.

and are all breeding.
One nest of 8 [illegible] was found in a cactus tree about 7 feet from the ground. Nest constructed of grass [illegible] and small creepers & cotton bolls. Lined with cotton bolls. Eggs were badly incubated. It seems odd that [illegible] should be the [illegible] the eggs of any [illegible] were found in the present [illegible].
Pyrrhuloxia is nesting close in cotton [illegible], within [illegible] of the ground. One nest was found in which 2 of the 3 eggs were 3/4 buried in the cotton boll lining of the nest. Eggs were fresh.
Cardinal is apparently not as common as when we were here in December. I did not see any [illegible]. But King reports two unfinished nests.

S. Albemarle

March 6-06

Went ashore this a.m. intending to get Egrets. Did not have very particular luck. The birds were pretty well scattered over the lagoon. They are wild and very difficult to approach. this added to the thickness of the mangroves and the mud and gas in the lagoon make it is very difficult to get a shot at them. Five birds were seen in a dead tree near the center of the pond. I could have shot a couple but they would have fallen way out in the mud so I did not shoot them. I did shoot one that fell across the lagoon in the mangroves and I could not get at it. Beck shot one but Gifford had even worse luck than I did. Beck's bird was a ♀ with no breeding plumage and testes not enlarged.

I saw three blue winged teal. I am positive that this is what they were. The blue-wing patch and the white at the base of the bill showed plainly. They were wild and came just out side of shot gun range. There can be no doubt of the identification.

A few curlews are around the lagoon but as many as there were last time

we were here. Stilts are very common and make a great racket when disturbed. A few shore birds were seen scattered around. Those seen were

Avocets
Curlew
Stilts
Wandering Tattler
Least Sandpiper
Black-bellied plover, a few of them show the blackening of the belly of breeding birds.
Semipalmated Plover.

Other birds seen were

Black	Brant	common
Great	Blue Heron	one
White	Heron	many
Yellow-crowned	"	"
Bonaparte's	Gull	"
Blue-winged	"	3
Gallinule		many.
Cathartes		one
Warbler		common
Hawk		one
Swallow		common
Robin		not very common
Virginian		common.
Meadowlark		not very common

a warbler nest was found beside the trail that was fifty 3 inches high. the base was built up of cotton balls. It appeared just a mass of cotton balls with the nest cup and lining at the top. The nest contained three partly incubated eggs. The old bird[']s actions different from any I have seen. She was very reluctant to leave the nest still staying on when my hand was within an inch or two of her. Then she only moved a foot or so away, and as soon as I removed my hand went back to the eggs. She did this two or three times. I did not take eggs or nest.

Young Seaside? sparrows fully grown were seen and shot along the trail.

One Lesser? Goldfinch was shot on the campus?. It came flying along at the same time a white bird was flying around. I shot the [illegible] goldfinch. It was a ♂ in good condition but poor plumage. It was very bare? around the head and rather short in feathers.

S. Albemarle.

March 18–06

Went mule-back up to the settlement on the side of the mountain. Did not get started until about 11 a.m. so did not get up in time to collect and get back. For about 4 miles in there is very little change in the character of the country. Black lava and cinders covered by a fairly good growth of ~~the~~ trees and shrubs. The ascent is very gradual in that distance not being more than 100 feet. Getting black lava cinders about half way in. Then there is more soil and the green vegetation commences. Orchids and ferns become abundant. As higher elevations are reached the vegetation becomes more and more luxuriant. Here the [illegible] tall trees are numerous. They seem to be different from anything I have seen. Some of them are _easily_ 100 feet high. 3 feet in diameter. Magnificent trees 25-30 feet to the first branches.

The plantation lies just on the upper edge of the tall tree area and the next higher zone is grassy. Above the high trees the trees become smaller and gradually give way to the grassy area. In the middle of

the high peaks. The houses of the settlement are just in the beginning of the grassy zone.
The birds seen in the lower land country are about the same as those along the beach.
Fuliginosa is common and extends all the way up as high as we went. They are apparently nesting all the way up.
G. fortis ranges as extensively as fuliginosa but is not as common. Few were seen in the grassy zone where fuliginosa was very common. Those seen there were mostly in gray plumage. They were feeding with fuliginosa on the ground. This species was apparently most abundant from the lower edge of the green belt up about half way to the upper edge. There is great variation in the size of the beaks of the birds. One young, fully grown bird was secured.
Scandens was seen only in the lower country and not particularly abundant.
Camarhynchus became fairly common about half through the lower and in the green belt is common. They are apparently mated and possibly have nests. Near the lower edge of

the green belt they are not numerous. Towhees are seen occasionally through the lower belt but not commonly. Young birds are seen all the way up to the upper edge of the green zone. Juncos are most abundant through the green belt where they are seen all along the road. One nest containing 3 eggs was found near the edge of the grassy area. Nest in a bush about 8 feet from the ground. Clifford took the eggs. Another nest was found with about 4 or 5 day old young in the green belt in a lone tree. Other empty nests were seen. Built 6 to 8 feet from the ground in Castilleja bushes. Young birds still fed by parents but fully fledged and able to fly are abundant.

Pygmy nuthatch is seen occasionally in the lower country but is common in the green zone ~~but not~~ especially above the high trees.

A few roughwinged swallows are seen lower in the canon but not many. They were quite common in the upper country. One nest was found that had young in in a hole in the side of a

hard wood tree. Apparently ~~a~~ a new nest but contained no eggs. Was built of grass and small weed twigs only about 2 ft high. Lined with horse hair. Could about 6 inches from entrance hole, but tree split down to base of hole. [illegible] found ~~a~~ a nest of this species either in an old deserted [illegible] nest or in a nest that they had built themselves. It contained 3 young only a day or two from the egg and one badly incubated egg. The nest was well built much like a goldfinch nest, and in shape, consisting of small weeds, grass and green moss and lichens. Lined with hair and fur [illegible] seem to utter + have not. None of this species were seen above the ~~settlement~~.

The [illegible] was seen in the lower district. Catbirds were not seen below the green area. They extend well through [illegible]. In the tall trees they are seen feeding on among the [illegible] on the branches. Of 10 birds collected only 1 was a ♀. The testes of the ♂ are very well developed. P. [illegible] is seen only in the green zone and not very abundantly. They [illegible]

[illegible]

Two doves were seen below 500 feet on the way up. They seem to be more here.

One Zenaida[?] affinis was shot in the green zone on the lower edge. It was a ♀ of incubation [illegible] on the belly. Bird is much like the [illegible] of Childs but larger. Was sitting humped up clinging to itself on a branch when shot.

Pallida is apparently scattered rather ~~commonly~~ frequently through the green zone. There were several here [illegible] and were flocking. They were ~~a-feeding~~ [illegible] among the bushes of trees [illegible] killed.

Yellow warblers are not common in the lower edge of the green zone [illegible] were seen most commonly. The birds were seen above the upper edge of the green zone.

~~[illegible]~~

Spent the night at the [illegible] and came down on the 9th.

[illegible] 5-06

Reached shore about 3 P.M. Shot a [illegible] just at edge of [illegible] in fine plumage.

S. Albemarle

March 9-08

Spent the day skinning birds.

March 10-08

Went ashore this a.m. intending to get pictures and birds.

A nest of pallida found by King a few days ago is apparently a decoy nest. It is in the top of a tree that has the principal nest, on an isolated island of trees near the lagoon. Both nests were on the outer edge of the patch of trees and on opposite sides about 50 feet apart.

Both nests were built of grass, dome shape about the size of the ordinary finch nest. Lined with grass. The old birds were not particularly alarmed upon the robbing of the nest. The ♂ was first shot in an adjoining tree. Then the ♀ was seen walking along a branch of an adjoining tree apparently feeding. She was shot. Both birds are retained and are the only birds of this species shown by me today.

The occupied nest contained 2 about one week old young. They were taken. Gifford took a picture of both nests. Then went up to the ...

nest I found a few days ago. The eggs were gone from the nest. ♀ warbler was seen but whether it was the same one I don't know. The nest was taken. Gifford got a picture of it.

Then went down onto the lagoon and got a picture of a Yellow. C. h. Here it is the same nest I found a few days ago nest at the extreme end of a point that sticks out into the ~~swamp~~ lagoon in a bunch of low mangroves. Constructed of twigs. A very strong nest for a h[illegible] but only about 2 feet from ground. The old ♀ was seen near the nest but quickly got out of sight. The eggs were nearly ready to hatch and were not taken nor was Gifford.

An old ♀ [illegible] was seen swimming along the lagoon with a bunch of 6 or 7 young about a week or 10 days old. 5 of them were shot. The old mother was very much concerned over the danger of the young and stayed with the remaining two or [illegible] conducting them in a bunch of mangroves to safety.

A few days ago an old ♀ was seen on the lagoon with one ♀ young duckling. It was apparently [illegible] only one. She was

round was impossible ~~[illegible]~~ so was the youngsters. He kept him between himself and me. I threw a stick or two at them and they waddled for safety to all appearances from somewhere and helping them.

A few white herons were seen flying but none were shot

One young yellow C. was shot. a full grown bird.

We finished up, ashore about 3 P.M. and headed for a point about 8 or 9 or 10 miles from the coast where there is an old hut. Reached there about 8 A.M. and dropped anchor.

Sunday March 11-06

Pack went ashore after tortoise and cattle

Monday March 12-06

Went ashore to get beef. Killed a bull a large animal ~~[illegible]~~. White with red or black face [illegible] and black head.

Others were seen and heard but not shot

A white heron was seen flying over the bay.

Birds are quite common. [illegible] and [illegible]. The [illegible] [illegible] quite common about 4. The [illegible] two [illegible]

Thursday Feb. 15-06

Went about a mile down coast and could not make a landing so concluded to [illegible] a place just opposite the ship. Landing only [illegible]. The country is very rough. Lava and cinders, with here and there patches of vegetation, seemingly thick but for the most part scanty. Both species of cotton are common but not thick and seemingly a few [illegible] grown in a moist creek. Birds are rather abundant. The following species were seen

Fortis
Strenua
fuliginosa
prosthemelas
scandens
[illegible]
conirostris (Gifford)
Mocker

Young of all these species were seen.

Strenua both ♀ & ♂ were seen feeding the young. Regurgitation [illegible] ~~[illegible]~~ [illegible] [illegible] to the young, of [illegible] ♀ ~~[illegible]~~ observed feeding

young in the same manner
[illegible] is one of the most common birds. Young are quite common
Young [illegible] are apparently shifting for themselves. Few old birds being seen
[illegible] were seen eating the pulp of the fruit of [illegible]. It would [illegible] the [illegible] [illegible]. [illegible] cutting off the pulp [illegible] [illegible] the hard seed. [illegible] apparently was not as successful in separating the pulp and did not keep at it.
Very few nests were seen, not enough to account for the number of young birds. Apparently they have come in from the country above.
Gifford reports [illegible] nest with incubated eggs, but in a [illegible] tree.
Williams reports finding a yellow [illegible] [illegible] [illegible] [illegible] young about a hundred feet [illegible] the [illegible]

of them but could get at only one it had nothing in it.

Three webbed nests were found one contain- nothing apparently unfinished. The 9 were seen going to it. The other with a well old young. Old bird had and one [illegible]

A number of these birds were seen there willet was seen. The white wing has almost [illegible] plumage.

Snakebirds one.

Brown pelican several.

~~[illegible]~~ Terns were quite common and lite on the back of the pelicans in the bay. Pelicans were quite common. Gulls were also common.

Tuesday. March 13.

Arrived in a.m. I did not go ashore. Beck + King report a big Cayman about a mile long lagoon, found apparently an exchange. A flock of about 25 flamingos in there and a hundred or more herons.

The natives shot a 2 or 3 months calf today. The mother had apparently had twin calves as they were both with her. The [illegible] [illegible] when he killed the calf

Both Bears and dogs are seen by [illegible] of the crew !
There is apparently fresh water in good supply to be obtained here with a little trouble.

Wednesday March 14 - 06

Pulled up anchor about 7 a.m. and headed for a way down the coast 2 miles past Cape [illegible]. Reached there about 4 P.M. On the way we put a whale lying about 2 miles off shore. There were flying around it in numbers.

Western Gulls
Glaucous "
Puffinus [illegible]
Royal Terns
Oceanodroma [illegible]

The coast along the south is low and rocky here and there a clump of little mangroves and numerous other low green patches

Iguana Cove.

Saturday March 17-06

Reached Iguana Cove and dropped anchor at 12 m.

This side of the island is very steep. The first ascent is nearly perpendicular rising up about 120 feet then a more gradual slope up to 375 feet then more gradual yet up to the main bone of the mountain. Unlike the other islands this side seems to be moist the year round. Moss are growing almost to the water's edge. Which means the "weather bearing." The other vegetation is like that found much higher up than on the other islands. Cactus is very scattered. a plant of Opuntia is seen here and there but few spots.

Birds do not seem to be abundant up as far as I had time to go in the p.m.

Iguanas were not abundant. Several nests of [illegible] were found. Each built of grass and lined with cotton balls. One contained 3 fresh eggs and another 3-4 day old young. Parents made no outcry when nests were disturbed.

There are two [illegible] [illegible] [illegible]

and a few [illegible]. Warblers were quite common and a [illegible] were seen. Birds on the whole were surprisingly rare.
In the cove there were a dozen or more penguins. They are apparently not at all wary. [illegible] after investigating the boat, [illegible] in their feeding place and allowing me to pass near them. I was well [illegible] over with water.
[illegible] [illegible] are rather common around the bay, and a few pelicans [illegible] there are apparently nesting on the cliffs at the entrance to the cove. Two signs of tortoise were seen on high up on S. [illegible].
Rats are apparently quite common to judge from their diggings around.
Beck, King, Williams & Slevin went to a cove about 2 miles north after tortoise. They found 3. In trying to get one in the boat, the boat was capsized and smashed up against the rocks. They walked back to Iguana Cove, reaching there 4 P.M.
A pair of hawks were seen near the landing

Iguana Cove.

Sunday, March 18 - 06

Two tortoises that were lost in the capsized boat came floating along about 10 o'clock and were picked up. Pieces of the skiff were also picked up.

Monday March 19 - 06

Went ashore about 5 A.M. There was not as much surf running as there was Saturday.

Penguins were quite numerous in the cove a bunch of 6 or 8 were seen on a rock.

As high as I got up Saturday birds were not common. Those seen were of the same species as those seen Saturday.

One pair of mockers were seen and several more birds heard higher up. Mockers are apparently not very numerous at this place.

Certhidea are rather common from 375 feet to as high as I went (700) young birds are abundant. Some of the birds show the bright [illegible] throat patch.

Pallida is one of the most common bird at about two feet. They are seen commonly in the bushes and trees most of them are young birds with yellow beaks. Old birds being rare. Some were seen in the characteristic woodpecker like attitude. Often two or more would be seen in a bush at once. Once I shot two at one shot. They are not at all wild, even somewhat inquisitive, flying toward you to investigate things. They as well as other geospizas and certhidia and myarchus are feeding quite extensively on small green caterpillars that are quite common everywhere.
Geospiza affinis is a ~~very~~ common bird I think not as common as pallida but nearly so. There is some difficulty telling this species from fortis, the habits being much the same and they seem almost to intergrade in size. Only one was seen with a black head. But few of the birds were heard in any sort of a song. Besides eating caterpillars they were seen feeding the pulp of a ~~wild~~ wild berry and

eating it. No affinis were seen below 350 feet.
Myiarchus is a common bird above 350 feet. As many as 8 or 10 were seen at a time flying about one after another, fighting, flying [illegible] and then eating a caterpillar.
Martins are common flying about over the banks. On account of falling in the sand they are quite hard to get.
[illegible] is quite common one it was seen with a [illegible] bird. They are feeding quite extensively on caterpillars.
No pyrocephalus were seen.
Warblers are quite common all the way up. They were seen quite commonly feeding in a certain [illegible] that infests the [illegible] tree.
Travel is not particularly hard as far as I went. In places there is considerable trouble in forcing a way through. By following the ridge and taking advantage of grassy spots travel is quite easy. One place

we found here water collects in pools in the rocks. an old tinaja watering place. No recent trail was seen. [illegible] and Woodpeckers & gila were seen drilling in the [illegible].
Quail are ~~quite~~ not abundant several were seen. One found plumage of.
[illegible] is quite abundant. Mostly large [illegible] bucks are small bucks are young ones.
[illegible] is quite common. Nests are not common. A few were found that were evidently intended for future use. Found [illegible] made found with fresh eggs.
[illegible] was seen carrying nesting material

Iguana Cove

March 20-06

Stayed on board and skinned birds.
All but 2 of the pallidus were young with immature ~~sex~~ organs. The bird seen carrying sticks was a mature ♂.

Most of the affinis were young birds.
Other species show sex development.
♀ affinis ovarium is quite well developed.

Several terns were shot in the P.M. One ♀ had a large egg nearly ready to lay. The shell was still soft but was well colored. The ground color was a light greenish blue. The spots rather light chestnut brown are evidently just beginning to set. Most of the [illegible] were ♀ and showed only slightly enlarged eggs.

There are quite a number of [illegible] petrels flying around but they do not offer many shots.

Iguana Cove

March 21-06

Went around in the cove to get penguins. There are dozens of them around on the rocks. Several broods of young. 3 to 8 were seen, some in front of caves into which they retreated when fired on.

This does not seem to be the nesting season any way there are no nests of these large cormorants eggs apparently will soon be ready.

There are apparently two plumages last years bird not yet having the ringed plumage of old birds.

One bird that ran back into a low cave was pulled out with an oar. It took considerable pushing to dislodge it.

A few penguins were seen on the rocks but most of them were in the water digesting their breakfast.

A young [illegible] heron was shot. It was in brown plumage. Evidently just from the nest.

Pulled up anchor about 11 A.M. Did not reach an anchorage during the day so were sailing all night.

Fuliginous gulls, Frigate birds, Puffins, Brown and Noddy terns were seen during the day

Narborough

March 22-06

Layed to while Beck and [illegible] went ashore to get cormorants. Cormorants are apparently quite common. They came back with 73. Beck shot one again catch. Spent the P.M. skinning one cormorant. The A.M. was foggy. I in the P.M. we sailed for Tagus Cove reached there 4 P.M.

March 23-06

Spent the day on board skinning Cormorants.

Tagus Cove

Saturday March 24-06

Went down to the water hole, about a mile S. along the coast.

Noddy terns are nesting along on the cliffs. Some have badly incubated eggs others nearly grown young.

Webster's boobies are also nesting. Two fresh eggs were found. The nests were nothing but a slight hollow in the dirt. no feathers or sticks. Birds were easily flushed and did not come back for 20 or 30 minutes.

Martins are quite abundant along on the cliffs near the water hole. There were ~~two~~ three nests in shallow holes in the rocks. One contained 3 fairly fresh eggs one young birds and the other nothing. The nests were placed at the end of the holes. built of grass and feathers.

The holes ~~are~~ were probably dug out by the birds ~~they~~ the bank being rather soft. They were apparently not much disturbed at the disturbance of the nest. flying around somewhat excitedly. Not many nesting holes were seen along the cliffs. But the testes and ovaries of the birds killed show considerable develop.

There are numerous small bunches of turnstone flying along the rocks. They are not particularly wild but are nervous. They look rather peculiar among a bunch of iguanas. They pay no attention to the iguanas and the iguanas none to them.
One or two semipalmated plover were seen and two or 3 tattlers.
A few plumbeous herons were seen. Once in a while a pelican is seen sitting on a rock.
Penguins are ~~al~~ scattered along in pairs.
Frigate birds are as every where else flying about.
On land the country is very open grassy and a few scattered clumps of bushes. On the right is a high hill ~~of~~ which is the rim of an old crater. It runs up about 600 feet. In the crater is a salt water lake about a mile in diameter. I did not go down to the water so do not know what birds there are.
Of land birds on the hill there are few. The most abundant

is fuliginosa. Only one or two frigates were seen a few warblers. One mocker and a number of martins two nests were seen.

Sunday March 25-

On board.

Monday March 26-06

Stayed on board and fumigated with formaline. Gulls are quite common in the cove and a few graceful petrel were seen.

Tuesday March 27-06

Result of fumigation ?

Did not go ashore until late then landed at head of cove and worked around in the old crater.

Birds are rather common but 95 o/o are fuliginosa.

Several nests of them were found mostly containing 2 or 3 eggs (fresh). Nests built of grass dried & green and cotton bolls. Some of them in low cactus others in low trees somewhat like willows.

A few finches were seen and no

was shot.

Warblers are very common. Some of the [illegible] are in very bright plumage. [illegible] [illegible] with [illegible]. Many full grown birds were seen that were around the same size [illegible] is a very light [illegible]. Many nests of these species were seen, all of them high up in mangrove trees in inaccessible places.

There were [illegible] rapid [illegible] of [illegible] and [illegible] [illegible] the [illegible] [illegible]. The [illegible] were [illegible] [illegible] [illegible].

Several [illegible] were seen.

[illegible] [illegible] are [illegible] in the swamp.

I saw a large [illegible] at the edge just [illegible] the boat [illegible] [illegible]. Could not get a [illegible] at it. [illegible] are very [illegible] [illegible] they [illegible] [illegible] [illegible] [illegible]. And [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Narboro Apr 2-06

Left the anchorage at Tagus Cove in the gig with Beck & the mate and headed over for a mangrove swamp south of Mangrove-point Narboro. Reached Narboro about 5 P.M.
On the way we saw flocks of Noddy Terns and puffins obscurus. They were feeding on the water. The terns however were sitting there heads down into the water. The shearwaters alight on the water and plunge their heads in under. The whole bunch of birds moved landward gradually around along the following what was it [illegible] they were feeding on. A few penguins were seen swimming among the birds. The following birds were seen during the day.

Larus fuliginosus
Puffinus obscurus
Penguin
Pelican
Cormorants.
Nebouxi booby.
Noddy Tern

We reached the bay and st[illegible] into the interior about 5 P. M. The walking for about a mile and

Several [illegible] were seen and shot. The first seen was the typical [illegible] described by S. Open spaces in the mangrove [illegible] they were seen along the edge of the marsh and ~~along~~ of [illegible] where trees were not very thick. They frequent for the most part the lower branches, none were seen higher than 15 feet in the trees. Some were seen walking along among the roots of the mangrove trees. They walk along on the trunk of the trees much after the fashion of a woodpecker. Woodpecker-like tapping was heard twice – this species might be the cause of it. The most satisfactory way of finding them was by making a sucking sound on the back of the hand, when in a likely spot. They have enough curiosity to come near to see what it is. In all 16 birds of this species were shot. All show very much staining on the ventral. All birds are ~~[illegible]~~ shot in the mangroves. That one was shot on top of the ridge on the way back to the ship. [illegible] very unlikely that [illegible] a bird of [illegible]

[illegible] species. When it [illegible] that this is
the [illegible]: good nothing that would
[illegible] to attract a bird of this species
[illegible] imagine [illegible] if they do
[illegible] them [illegible].
The species is [illegible] [illegible]
[illegible] large [illegible] and of
[illegible] not [illegible] Several [illegible]
found that might have been of this
species but no birds were seen. Sometimes
the young full grown birds were shot
[illegible] [illegible] off to one side of
the marsh [illegible] an old ♀ [illegible]
[illegible] a [illegible] so old. I
killed 4 at one shot then went after
the 5th. She dove repeatedly just sticking
its back from the water for an at [illegible]
later it ~~did not go to the [illegible]~~ came
up. All the time I was throwing rocks
at it the old ♀ was near [illegible]
loudly. She did not fly until I got
a stick and started after the young one
then she went to an adjoining pond
and [illegible] in great style.
[illegible] is a rather common bird in
the [illegible]. and so these [illegible]
[illegible] of [illegible] were building [illegible].
[illegible] one [illegible] but [illegible]
[illegible] seen. One 2/3 grown [illegible]

is an fairly smooth lava, was an older flow. Then a later flow begins, this of rough cinders. It was dark at the time we reached the rough lava and we camped for the night.

The [illegible] were seen flying and sporting after the sun went down and before full daylight in the morning. [illegible] were heard during the night.

No birds were seen on the lava during the walk.

Quite a bunch of [illegible] [illegible] are at the place where we landed there are many dark colored young birds among those seen.

Pelicans are nesting also in the mangroves. There were [illegible] small incubated eggs.

April 3 - 06

Went up during the forenoon to the first grass patch. Found walking very rough over cinder lava and I did fairly good over older flows.

[illegible] the [illegible] [illegible] [illegible]

there is this beach and on the
sides of the cave, which is of
an old flow, sheltered from the sun
are 4 or 5 species of ferns. There
are rather deep old black lava
Brake ferns were noticed.
Iguanas (land) were seen brightly
golden yellow, yellow. Ground
Doves not abundant.
Birds were not plentiful a
few [illegible] mockingbirds were
heard and some yellow [illegible]
finches. One or two pelicans
and several warblers. | But
two [illegible] birds were seen.
Several ground finch nests were
seen containing 3 to 4 incubated
eggs. The [illegible] were [illegible]
[illegible] and no eggs were taken
they were probably fresh. The
nests were constructed as usual
of grass and lined with cotton
balls.
[illegible] were [illegible]
[illegible] [illegible] [illegible]
[illegible] the place about 4
P.M. after a very hot walk over
the lava.
Very little life was to be seen

on the [illegible]. A [illegible] [illegible]
bush cotton. an umbrella [illegible]
the sedges and a grass or sed[illegible]
about all the plants seen [illegible]
a wooded [illegible]
~~[illegible]~~. Only a few insects [illegible]
occasional moths [illegible] grass[illegible]
and a dragon fly [illegible] ~~[illegible]~~
Birds are [illegible] [illegible] flying
I rising or otherwise to [illegible]
to stop.

April 4.

Went with the [illegible] in th[illegible]
along the coast to the S. of
[illegible]. We did not
any [illegible] along as we
up the coast. The [illegible]
in the boat while I [illegible]
the [illegible] looking for b[illegible]
about 9 a.m. the [illegible] [illegible]
[illegible] that there were [illegible]
[illegible]. I returned to the
and we started after them.
seen were several [illegible]
from the [illegible] feeding.
[illegible] easy to approach [illegible]
[illegible] many [illegible] but [illegible]

...then they can be shot at
...e of them. When watched
...ently a night of squids to eat.
...stomachs of three shot contained
...n but fish from 2 to 6 inches.
... The stomachs were well
... showing that the birds were
... evenly through feeding.
... [illegible] fish & rather few
... the shore as none were
... until about 9 a.m. again
... are rather hard birds to
... being able to take much shot.
... swimming the body is carried
... in the water with practically
... but the neck above.
... then the bird takes a
... forward turning the head down
... into the water. Apparently
... wings are not used as they
... only moulted and with
... with feathers.
... that were seen gather
... the rocks seemed to assist
... selves with their beaks.
... were shot and skeletons
... of them during the day.

Set with [illegible] but many and
compact [illegible] the [illegible].
3 all [illegible] [illegible] in [illegible] in two
eggs [illegible] [illegible] in the
mangrove.
This is [illegible] H. & S. a [illegible]
species. [illegible] are different
from any I have seen so far.
They came around the camp at night
getting [illegible], butter, corn meal, and
the like [illegible] stuff. They
apparently live in the [illegible] [illegible]
above high tide. [illegible] apparently [illegible]
particularly abundant as traps
had to be set quite a distance
apart. No [illegible] were seen
nor any signs of them during
the day.
After [illegible] the [illegible] I looked
for [illegible] in the mangrove
but none were seen. [illegible]
on the mangrove [illegible] like
the [illegible] pink mangrove and
apparently are not suited to the
species. The only [illegible] [illegible]
[illegible] are in the yellow
[illegible]. [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] were seen
at the beach. [illegible] [illegible]
were seen [illegible] [illegible] to the
green spots.
[illegible] [illegible] were shot in the
P.M. [illegible] [illegible] was skinning
before Beck [illegible]. With a
few [illegible] I helped him
finish [illegible] and we packed
up and ate supper and started
back for the vessel, reaching
there 5 P.M. Friday Apr 6.
Beck reports [illegible] reached the top
after I left him. He soon reached a
green spot where birds were quite
abundant. [illegible] were numerous. The
other birds were the usual ones.
Species up he saw

[illegible] one
[illegible] one
[illegible] several
Barn Owl
[illegible]

One nest of [illegible] was found.
also a [illegible] nest.
Vegetation is very thick high up but
easy to get through on account of
[illegible] plants
He reports the crater as about

1500 or 2000 feet deep and entering a couple of small lakes. She did not go down to them. There are lovely potholes in the canyon but also much have been.

Banks Bay

April 10-06.

Started from Tagus Cove at 3 P.M. to row to Banks Bay. It took 6 1/2 hours to row down. Birds seen on the way after daylight were

P. [illegible].
Webfoot Booby
White Booby.
Pelican.
P. Storm. The ordinary run of sea birds

Early in the morning large flocks of shearwaters were seen resting on the water. ~~[illegible]~~ Fleming & the mate who were out all night in the gig report passing through flocks that were sleeping. As soon as it was well light they began flying.

Two flocks of what were ~~[illegible]~~ probably phalaropes were seen. One flock lit on the water. They were ~~[illegible]~~ about the size of [illegible] and from their flight I would think they were phalaropes. There were 15 or 20 in each flock. After landing and getting things [illegible] in order & it was [illegible] [illegible].

[illegible] a small patch of

mesquite at the [illegible] [illegible]. [illegible]
are not enough to form a thick [illegible]
as there are no [illegible] species in the
[illegible], [illegible] and [illegible]. [illegible]
[illegible] was noted.

April 11-06

In behind the mesquite there is considerable
[illegible] green vegetation [illegible]
[illegible] to the base of the
mountain. [illegible] in it [illegible]
[illegible], all of the common [illegible]
[illegible], [illegible], and [illegible].
[illegible] [illegible] [illegible] [illegible]
[illegible]. [illegible]
[illegible] [illegible] [illegible].
The same sort of [illegible] [illegible]
built of dirt [illegible] green [illegible]
[illegible] green grass [illegible]
[illegible]. [illegible] [illegible]
[illegible] [illegible] [illegible]
The [illegible] [illegible] seen in the mesquite
[illegible] [illegible] [illegible] the
mesquite [illegible]
[illegible] [illegible] [illegible]
[illegible] on the [illegible]

Banks Bay.

Apr 12-06

Went about 3 miles into the interior to the base of the mountain and helped pack out a big tortoise. Did not get it out till late so did not have ~~much~~ any time.

Birds are abundant though the brush country is open with grassy places. Brush only occasionally thick. Birds seen are the same as at the beach with the exception that Myiarchus became more abundant. Swallows are occasionally seen but are not common. Hawks are not as commonly seen as they are at the beach.

Birds are nesting - several warbler nests of finches and flycatchers were ~~seen~~ seen but not taken.

There are numerous signs of cats and occasionally a dog skeleton is seen.

There are evidently rats around from the workings. Several have been caught in the traps.

Bach Bay

Apr 13-06

Started in to pack tortoise, but met the mate and found there were no one to pack. So went in and spent the night

Several pallida and affinis were seen around camp which is about 325 feet in elevation. Birds differ from those lower down. The following were noted

Pallida,
Forsters.
affinis.
pustulatus.
cinnamomea.
polyglottos:
Catherpes.
Myarchus.
Pyrocephalus.
Mockers.

April 14-06.

Went higher up the hill after Pallida and affinis. The country is not very brushy grassy spots are frequent. Birds are ~~numerous~~ of the same sort as ~~around~~ camp. Affinis seem to be ~~more~~ ~~numerous~~. About 500 feet then higher. ~~there are probably~~

They are not common. Both old and young birds were seen. Young ~~[illegible]~~ fully grown, white beaks and worn plumage. They were feeding ~~[illegible]~~ in [illegible] tree.

Only 2 ~~[illegible]~~ fulica was shot. They are not common. The one shot was a young bird in worn plumage.

Mockers are common, mostly young birds with spotted breasts.

[illegible] and [illegible] were observed feeding on caterpillars.

April 15 – 06.

Sunday. Hawks are quite common in the mangroves. Apparently they gave way to curiosity and came down to investigate our camp. Most birds are in light plumage. ~~[illegible]~~ When caught they do not seem to be greatly alarmed, after a few minutes they allow their head to be stroked. They keep a sharp look out however for danger. It is rarely that they attempt to bite, rather depending on their feet for defence.

Penguins and once in a while a cormorant came into the little

Cove.

April 16-06

West up the coast to the South, about a mile from where we are camped there is a small colony of cormorants. There are ~~two~~ 3 fresh nests and one older one. Four birds were at the nests, evidently 2 pairs. Standing side by side they looked much like lovers. ~~as~~ Each pair were beside a new nest. They allowed very close approach. They could have been clubbed over the head with a club. They uttered a hoarse squeak some[what] like a chicken. puffed up the skin on their head and thrust it forward. Gifford took three pictures of them.

The nests were built of fresh sea weed. nest about 18 inches across; cavity about 8 inches. Cavity about an inch deep. Two other birds were about on the water.

While swimming the birds remind me of the picture of the old Plesiosaurus riding low in the water with their snake like heads above

a picture was ~~taken~~ of a penguin

Tagus Cove.

on the rocks.
We left the cove at 4^{25} to run back to ~~the~~ Tagus Cove. Reached there 12 o'clock after towing the guy all the way.
Caught one out last night.

April 17-06
Stayed on board and skinned cormorants. The ovaries are much enlarged eggs would be laid in a few days. Rained in the p.m.
A couple of Great-Blue Herons lit on board in the p.m.

April 18-06
Went down to turtle point. Left at 6 A.m. Cold and foggy.
In an old crater cove I flushed two barn owls and shot them both at one shot. Testes and ovaries not developed. plumage fine.
I did not find Hawkbills as abundant as I did last time I was there. None were found in the densest mangroves all birds were shot on the outside

of the swamp. Of 9 birds shot
only two were adult birds. The
remainder were this year young. Some
of these were still being fed by the
parent. I looked very well
through the interior of the swamp
and am sure that there were not
many in the denser portions.
Warblers are the most abundant bird
in the swamp. They are everywhere.
Full plumaged young are common.
A nest of nearly fully grown Pipits was found
Parents came around when young
were taken. Very much disturbed
A cormorant was shot in the cove
at the point one I have seen in it.
A cormorant was seen on the sand
at turtle point when coming out of
the water it moved forward with [illegible]
but when on the sand it walked with
a erect carriage. tail dragging on the
ground.
Three black bellied plovers were seen
one in Breeding plumage. Turnstone
Semipalmated plover.

Tagus.

April 19-06

Went down to water hole and shot a few times. There are a few ~~doves~~ martins around but not as many as there were. Got back to the ship just as the gig came from Iarbora. Pulled up anchor after lunch and sailed for Bull-beef anchorage on S. Albemarle. Did not see any Aestrelatas on the north side of Point Christopher.

Sailing 20-21-22-23-24

Were becalmed most of the time off Iguana cove. Did not ~~reach~~ an anchorage until the evening of Apr 24.

Aestrelatas are quite common on the S side of the island. They are most often seen 5 to 15 or so miles from land. ~~[illegible]~~ Puffins are more common near land.

There is considerable difference in the flight of the two species. Aestrelatas take two or three quick flaps and then sails. Puffins take ~~[illegible]~~ many rapid strokes and then sails

Puffin is much the faster flyer at ordinary ~~at~~ flights.

Bull Beef Anchorage. Apr 25-
Went in to get beef.
Saw 8 or 10 bulls could have shot them all. They are not wild but do not show fright. Cows are much wilder. When with a calf they are exceedingly cautious. Calves are five or six months old. They are all colors, white, red, black, speckled. Bulls ~~are~~ in fact all are good sized. I shot a bull about 5 p.m. two bullets through the shoulder and lungs. The mate saw one feral dog shaped somewhat like a panther. Very wild so he did not get a shot at it.
Jackass Penguins were all about the animals.
Birds are quite abundant. Pallid's are rather common. Young birds are most numerous.
Cormorants is very common. They

are for the most part in worn plumage although a full plumage is sometimes seen. Most of those seen feeding young fully grown birds. Birds are for the most part in worn plumage. The following species were seen.

Pallida. a few
Cormorants. very common
Se[illegible] a few
[illegible] large billed
[illegible]
[illegible]
P. [illegible] one.
Anhinga[illegible]
Herons one.
White heron one
Flamingos one.
Curlews several.
Avocets.
Warblers.

Bull-beef Anchorage.

Apr 26-06

Went in after birds.
I found pallida rather uncommon only five were shot. They are apparently found in the thicker shaded portion all that I shot were in the "[illegible] apple trees." Four were young birds in first plumage. Old birds are somewhat worn. Some were heard singing or uttering any vocal notes.
One affinis was shot. It was the only one seen. It was in a '[illegible]' tree a young bird in first plumage.
Birds seen during the day were the same as yesterday.
Young [illegible] are very numerous also young crassirostris(?).
These were seen all ranging from the nest to fully matured. They are fed apparently both by the ♀ parent.
No good plumage adults were taken. Pin feathers are numerous.
Young [illegible] are also common.
Several [illegible] were seen and some shot. All in very worn plumage. One was incubating [illegible] as if it were nothing [illegible].
No notes were heard with anything

in them.
There was a fine shore bird on the sand as we landed. Saw a few full plumage black-bellied plover and also full plumage turnstones. It seems late for such birds to be here. One or two Sanderlings were seen.
Black [illegible] loons, pelicans, great blue herons are along the water. Nests of pelicans contained 1/3 grown young. Old birds came around.
[illegible] dog was seen by the water [illegible]. Yesterday [illegible] [illegible] white dogs [illegible] and [illegible] at [illegible].

Bull Reef Anchorage

Apr 27-28-29.

Spent the time these days pulling up anchor and trying to get to Villa Mill. First day we got about a mile.

Beck & Gifford went out in small boat and got [illegible]. Puffinus [illegible] and one or two white [illegible]. There are not many birds near the ship especially at our before anchorage on 28 & 29.

Apr 30-06

Pulled up anchorage about 9 a.m. and started for Villa Mill reaching there 3 p.m. Found the Cotopaxi in port. She pulled out about 4 p.m.

V Ila a Nill

January 1st -06

Went in to the garden beyond the Lagoon. Seafowl are abundant mostly young birds. Gallinules about them straggling. A few pairs of ... and still birds ... were seen. Young just from the nest were seen. Spotted ... Yellow abundant both young & old in the S side of the lagoon in the prairie-lines. Shot 3 pallida 2 old & 1 young. Old of ... feeding young full grown. Most adult old birds in very worn plumage. Young good. Excellent place apparently for pallida but not alone seen.

Lagoon drying up in places. Very few ducks, ... 2 flamingos seen. One ... of 12 full grown young ducks seen.

2 ...

Water birds are not as abundant as last time possibly due to the difference in the ... of the Lagoon. Young gulls are common ... plumage. One ... stomach full of ...

Plumbeous [illegible] shot with stomach full of [illegible] small black seeds.
Vireo [illegible] common young birds most abundant. good plumage old birds much worn!
Flamingo[illegible] in spring plumage. Very many killed birds a few shot seem to knock them out.
Stilts pretty common.
Curlew I shot and about 12 seen.
A few ~~turnstones~~ in bright plumage
a few semipalmated plover.
Birds shot a spotted sandpiper

Villa Hill. May 2-06

Went around the canyon looking for birds. Small birds are not common except Phainopepla and [illegible]. I did not hunt many small birds.
Pyrocephalus are quite common and a few Cardinals.
I found one Spalding in the thicket of [illegible] trees along the canyon this seems to be a very good place for them. There is a considerable amount of dead-wood that they must find good food. Young birds are seen.

I intended to shoot gulls and shore birds but there were none. We pulled up anchor about 12 o'clock and headed for Chatham

Sailing May 3-4-5-6-7-8-9-10-11-12-13 – (06)
Most of this time was spent in only drifting around. I was becalmed about 60 miles S of Hood. There was no wind for the most of the time.

[illegible]
[illegible]
Shearwater (white-[illegible]) one.
[illegible]
Penguin
[illegible] Booby
Variegated Booby
Man O War Bird
Albatross
Sooty Tern
Noddy Tern
Tropic Bird. Red Billed.
[illegible] Pelican
[illegible] Pelican

All of these were seen during the drifting. Albatrosses were only

Culebra Id.

seen South of Albemarle.
The others were seen nearly every day.
On Tuesday the 13 we were off [illegible] and [illegible] to near Culebrita.

Culebra, May ~~13~~ 14-06
Went ashore on [illegible] about 8 a.m. The island is the [illegible] of an old [illegible] crater. There are only a few land birds on the island ~~those~~ seen were
Warbler 4
[illegible] common
[illegible] common.
There are hundreds of tropic birds breeding on the island ~~as~~ Eggs are badly incubated or young birds.
There are ~~[illegible]~~ among [illegible] [illegible] all that I saw could young about a week old. ~~[illegible]~~ ~~[illegible]~~ [illegible] [illegible] were only a slight shallow hole. Old birds were much disturbed over the danger of the young. ~~the~~ [illegible] [illegible]
[illegible] [illegible] are nesting every [illegible] [illegible] badly incubated eggs

Charles

to full grown black necks young were seen.
Mahoney booby is also nesting on the island [illegible] of eggs were the rule a few young were seen. [illegible] [illegible] [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] and [illegible] [illegible] about 1/3 [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible]. W[illegible]

Charles Is. May 14

Went up in [illegible] intending to stay over night get beef and bring [illegible] down [illegible]. [illegible] is very dry. [illegible] top of the hill is dried up and most everything [illegible] green [illegible] [illegible] [illegible] plain [illegible] [illegible].
Birds are quite numerous but are all of the common sorts. F. fuliginosa, F. fortis. and scandens. Not many crassirostris were seen.
Cuckoos are heard once in a while young birds are very abundant.
A small mouse was seen in a cave

where I slept did not catch it.
Cattle were quite numerous in the center of the island a bunch of a dozen or so cows with calves were seen. The cows are small but bulls are large. Two centers and one calf were killed. King shot a cow and a yearling heifer out of another bunch. They do not seem very wild until after a shot or two is fired then they lay out.
A couple of dogs were seen one a white brindle shaped fellow. The other black. They were very wild.

Chacas May 15-06

During the night jackasses ~~who~~ were heard braying, dogs barking and cattle bellowing.
The dogs just about finished the calf killed last night. All but bones and skin were taken during this night the bones and skin were taken.
Hogs were at one of the cows killed. I shot one hog a fair sized boar. Hogs had not touched either cow. In the P.M. I shot a pig with the 38 S.&W. but did not get him.

Chiriles

May 14–06.

Went over into big pasture on the left of the trail, looking for cattle. The mate surprised a small bunch of dogs at work on the remains of the calf. He wounded one but did not get it. dogs very wild

At the stopper killed by King there was a yellow and white dog that I shot a small dog about 20 pounds in weight. Spotted. between a pointer and hound in shape.

3 ft 9½ inches tip to tip

1 ft 9 in height at shoulder.

I saved the skull.

In pasture were 3 big bulls they were rather cautious. A yearling heifer was shot as she was coming across the open.

Two our javelinas were killed here and one later in the day. Their measurements were taken.

The cattle seem to eat beans in large quantities, they these evidently go through them unchanged by digestion and the piles of them will be found in this way. The stomach of those killed were full of beans and leaves

Leemer

Height at Shoulder	3 ft 9 in	3 ft 10½ in	3 ft 7¼ in	4 ft
" to hip	3 ft 6 in	3 ft 9½ in	3 ft 7 in	3 ft 9½ in
Length Barrell.	3 ft 10 in	4 ft 1 in	4 ft 1½ in	4 ft 1½ in
Length top of head to tail	4 ft 8 in	5 ft 3 in	4 ft 8 in	5 ft 3 in
Tail.	1 ft 1½ in	1 ft 1½ in	1 ft ½ in	1 ft 2¼ in
Neck	1 ft 6½ in	1 ft 8 in	1 ft 5 in	1 ft 9 in
Head	1 ft 9 in	1 ft 9½ in	1 ft 8¾ in	1 ft 11 in
Ear	10 in	9 in	8¾ in	9½ in
Fore leg.	2 ft 1 in	2 ft 2 in	2 ft	2 ft ½ in
Nose to Base of Ear	1 ft 6 in	1 ft 6 in	1 ft 5 in	1 ft 7¼ in
" to corner of Eye.	11¼ in	1 ft.	11¼ in	1 ft 1¼ in
Sex	♀	♂	♂	♂
Color	Dark slate, ~~Brown~~.	Slate Brown white behind.	more color white below	Slate brown.

— ♀

Height at S.	3 ft 10 in
" hip	3 ft 8½ in
L. Barrell	~~3 ft 1 in~~ 4 ft 2 in
top of head to Base of tail	5 ft 1 in
Tail	1 ft 1½ in
Neck	1 ft 7 in
Head	1 ft 9¾ in
ear	11 in
Fore leg.	2 ft ½ in
Nose to B of ear	1 ft 5½ in
" to corner of eye	11½ in
Sex	♀
Color.	Mouse color

One tamstone was seen today in the interior of the island. Quite foggy and drizzle some in the early morn

Charles

May 17-06

We weighed anchor and started for Cormorant Bay, reaching there 9 a.m. Went ashore for an hour and then headed for Chatham.

There were only 4 flamingos and a dozen or so ducks on the lagoon. The former and 4 of the latter were killed.

Flocks are few here. ~~in~~ At the southern end of the lagoon a young mocking bird.

A flock of stilts were around and a few turnstones.

Lagoon about as high as when we were here in October. Birds all tame

May 17-18-19-20-21

Shifting around between Chatham, Charles, and Barrington. A few land birds are seen once in a while, warblers, one another a couple of Geospiza evidently going from one island to another. Birds seen among [illegible] and P. [illegible]. Albatross are noted occasionally. One was handled with.

22-23-24-25-26-27

Chasler

May 21-22 - part of 23.

Spent the time drifting around north of Chasler finally dropped anchor again in Black Birch pond.

May 23-24-25

Went up the hill with the rifle to get meat. Took traps along.

Oshawa shot a big bull.

Frogs were commonly heard during the night [illegible] also, and a frog or two, called "scarcely".

Rats are common around the spring but they can be heard all night moving around. Mice are apparently quite common. They live in holes, cracks, in the ground. Apparently they do not take a meat or grain bait, but taking butter was used for bait. I managed to get two by shooting. [illegible] shot three. They are apparently spread very well over the island as I have seen them once quite a [illegible] and have seen them run and [illegible] over a [illegible] one. Apparently they do considerable running around during day as well as night. All [illegible] times were shot. Two working for them and the third owing to being shot of rather [illegible].

Rats are common in [illegible] I [illegible]

on a nest on the [illegible] side of the village
where the old settlement used to be. [illegible]
is quite a number in the size of the
♀ than I caught. The bulbuls
are a light [illegible] yellow &
black are about it. Young [illegible]
red black [illegible] [illegible] are seen
[illegible] all the birds are [illegible] as if
young [illegible] just got their [illegible] [illegible].
Young birds are very fat. [illegible]
flying [illegible] [illegible] not.
[illegible] is [illegible] feeding on the
oranges that hang in the trees.
Families are not seen as [illegible] as
when here in [illegible]. [illegible]
[illegible] [illegible] [illegible] [illegible]
to all up in the top of the [illegible] -
[illegible] [illegible] are very [illegible]
and in very nice plumage. [illegible]
among [illegible].
A [illegible] [illegible] [illegible] [illegible] [illegible]
the [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible].
[illegible] [illegible] of [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible].
Occasionally a brush is seen but there
are not many.

Ravens shot and ate were seen but none shot. It had nothing in its stomach.

A bat was seen flying around in the evening about 10 pt was not obtained.

The dogs apparently are ~~most~~ very cautious none were seen at all.

Sheep are quite common. One Crowd of about 4 young grouse were seen.

Cows ~~are~~ ~~with~~ have calves about 2 months or so old. I shot 2 also 2 cows and a heifer.

The bull [illegible] shot measurement

Length	6 ft	3 in
Height to Shoulder	4 ft	8 in
" " Hip	4 ft	2 in
Breadth	5 ft	10 in
Front leg	2 ft	3 in
Tail	2 ft	$2\frac{1}{4}$ in
Head	1 ft	10 in
Neck	1 ft	6 in
Ents. [illegible]	1 ft	$6\frac{1}{2}$ in
Ear		$2\frac{1}{2}$ in
Eye to [illegible]	1 ft	~~$3\frac{1}{4}$~~ $3\frac{1}{4}$ in
Circumference of horn		$9\frac{1}{2}$ in
Spread of horn	1 ft	10 in
Spread at Crown	2 ft	2 in

Sep 01

[illegible] and [illegible]

Cow

Length	5	— 10
[illegible]	4	— 1
Hip	3	— 11
Belly	4	— 9
Neck	1	— 10
Head	1	— 10
Ear		>
Eye to nose	1	— 5
Head	2	— 1
Eye to horn	1	— $\frac{1}{2}$
Tail	2	— 5
Spread of horns	2	— 11

♀

English and Jersey.

Burro [illegible]

Height at S	3 - ft 9	3 ft 10 $\frac{1}{2}$	3 - 10	3 - 9
Back	3 - 9	4 - 3	3 - 11 $\frac{1}{4}$	3 - 11
Length	4 - 7 $\frac{1}{2}$	5 - 3 $\frac{1}{2}$	5 - 2	4 - 6
Tail	1 - 2		1 - 2	1 - 2
Neck	1 - 7	1 - 5	1 - 6	1 - 5 $\frac{1}{2}$
Head	1 - 9	1 - 10	1 - 9 $\frac{1}{2}$	1 - 10
Ear	10 $\frac{1}{2}$	10	1	11
Front leg	2 - 2 $\frac{3}{4}$	2 - 2	2 - 3 $\frac{1}{4}$	2 - 2 $\frac{1}{2}$
Hip	3 - 8	3 - 10 $\frac{1}{2}$	3 - 9 $\frac{1}{2}$	3 - 8
Nose to B of Ear	1 - 5	1 - 6	1 - 6 $\frac{1}{2}$	1 - 5 $\frac{1}{2}$
Nose to eye	11 in	1 - $\frac{1}{4}$	1	1
Sex	♀	♂	♀	♂
Color	light mullen	Dark Slate	grey	light mouse

H at shoulder	3 - 9 $\frac{1}{2}$
Back	3 - 9
Length	5 - 0
Tail	1 - 2
Neck	1 - 8
Head	1 - 9 $\frac{1}{2}$
Ear	11
Front leg	2 - 2
Hip	3 - 8
Nose to B of Ear	1 - 5
Nose to Eye	11 $\frac{1}{4}$
Sex	♂
Color	mouse.

Clarke

Came down from the hill May 25 and skinned birds; [illegible] birds

May 26.
Skinned birds all day 53.

Sunday May 27 -
? migrated during night with Sulphur [illegible].

Monday May 28
Went up after birds. Nothing unusual was seen. A bunch of three turnstones and two oyster catchers.

Tuesday. May 29.
Skinned birds in a.m. Pulled up hook and started for Island. After drifting around, drifting [illegible], and some more drifting we reached Island [illegible] [illegible] May 30 and dropped anchor again

Thursday May 31.
Went up in interior of island. Did not see any unusual birds.
Back [illegible] taking several [illegible] near spring and on south side of island. They are [illegible] in [illegible] and [illegible]

feeding adult plumage.
In pairs perhaps were seen.
Curlews are quite numerous. Mostly young birds & secured 3.
These are common around the spring

June 1 - 06

Went up about two feet and came to set curlew on the night. Secured besides other birds 4 curlews. They are exceedingly wild and cautious birds. Went back up the hill in the evening and stayed all night set traps for rats. William saw a [illegible] on top of mountain recently, ~~and~~ grasshoppers are common on top and feeding on grass seed.
Curlews seem to be living exclusively on grasshoppers. Their stomachs contain nothing but their remains.

Saturday June 2 - 06

Spent a miserable night jiggers kept me from sleeping as I hunted fleas.
Kinney and I secured 4 .29 200 weighed of [illegible] about 200 lb. They all were obtained by watching near old rotten carcass. on which the

being fed. 2 sows had litter of
young, just a few days old.
Rats and mice are found in rock pile
where meat left on top. Pretty bold
in meat.
A few dogs were heard at night.
A flock of about 15 [illegible] came by
me when I was watching over a corn
for pigs.
I saw an [illegible] near the
spring. Seems much like a [illegible]
[illegible].
I saw 3 catbirds in lemon
thicket. One young bird out in full
feathers and still fed by parents, and
2 adults in good plumage. They
were in middle of thicket near water
around lemon tree. They are apparently
quite rare and exceedingly quiet
birds. [illegible]
[illegible]. The place to get
them seems to be the [illegible]
I have seen them on other [illegible].
Got in [illegible] at noon, and skinned
birds the rest of day.

Sunday June 3-06

Crew struck 2nd stick and were both carrying on alone. I skinned them. One contained the remains of a [illegible] in its stomach and the more digested remains of a [illegible]. The other 5 large grasshoppers.

Monday June 4-06

Went up as high as the old spring and over to [illegible] beyond the big crater. Country all open, full of [illegible] trails. Sandpipers were common in/large [illegible] on the ground. A group of the common species were [illegible]. Only [illegible] were [illegible].
A few [illegible] were seen 2 in the old crater.
One very large [illegible] or possibly [illegible] was shot along the trail below the old spring. It was feeding in [illegible].
Gifford got a [illegible] with a few white feathers in the [illegible] and [illegible] [illegible] [illegible] 2 P.M. and [illegible] for [illegible]. [illegible] S.G. and [illegible]

Tuesday June 5 - 06

Drifting toward the S.W. no wind

Wednesday June 6 - 06

~~Still~~ drifting S.W. Saw a bird one of the common auks commonly seen [illegible], and [illegible], puffins and [illegible]. [illegible] and [illegible] [illegible]

Thursday June 7 - 06

Drifting. A few land birds are seen. A few birds are common [illegible].

Friday, Saturday June 8-9

I have noted during the last few days Warblers, sparrows, finches and [illegible] upwards to 140 miles from land. Only 2 or 3 of each sort have been seen. It seems strange that these should be so far from land. There has been no wind such as they could have been blown from land. It is likely that there is a [illegible] [illegible] [illegible] birds [illegible] not [illegible] found

10 11 12 13 14 15

Sunday, June 10

[illegible] position about 2100 miles S by W from [illegible]
[illegible] June 11
There are [illegible] on these warm [illegible] of
water birds showing up. A small
albatross has taken the place of
puffins. It flies somewhat
like common albatross but with more
rapid wing strokes.
A petrel with gray black
headed and white breast & belly.
A few albatrosses are [illegible]
but not common.
Birds have become scarcer since we
have gotten farther from land.

Tuesday, June 12

The [illegible] of yesterday are while
around [illegible] we have [illegible] fallen much
[illegible] Bird got one petrel
and several [illegible] others.

Wednesday, June 13.–14 [illegible]
Heading N.E. for [illegible]
[illegible] [illegible] as we
get farther north. [illegible]
[illegible] and no more [illegible]
and [illegible] birds.

Friday June 15

Man-o-war birds were flying about early. We are about [illegible] miles S.W. of Hood Island. An oyster catcher [illegible] flying north [illegible] about 6 a.m. Beck got a pink-footed Booby. I saw a black [illegible] flying around in the forenoon. [illegible] [illegible], man-o-war birds, [illegible] petrels and [illegible] as usual. [illegible] [illegible] [illegible] [illegible] for [illegible].

Saturday June 16

Started to drift away from Hood again. Birds the same as before.

Monday June 18.

Calm. Flying [illegible] skimming a [illegible] and petrels (grallaria & others) attracted by the [illegible]. Beck shot a number. He got one of the new species of petrel taken a few days ago. This species when feeding has a flight much the same as a skipper butterfly.

Tuesday June 19

Birds became scarce as we drift farther from land. Nothing but [illegible] and

Hood.

a few petrels are seen.

Wednesday 19 - 20 - 21 - 22 - 23

A albatross was seen on the 20th. we are about 150 miles from Hood.
The wind is gradually taking us toward Hood during this time and on the 23. 3 P.M. we dropped anchor in Gardner Bay.
Albatrosses are seen singly upwards to a hundred miles from Hood. They apparently do not wander much toward the S.W.
Puffins were flying by hundreds around the southern end of Hood.

Saturday June 23-06

Gifford + Beck went ashore.
They report birds common. mockers abundant. cactus birds also. doves not numerous.
Williams shot a couple of goats all in fine shape and fat.

Sunday June 24-06

Some of the fellows went ashore for pigeons for pie - They secured 60 nice fat ones - their crops are full of small seeds.
Gifford and Williams caught 13 live mockers.

Aboard

Monday June 25 - 06

Went down to the South end of the island after albatrosses.

Albatrosses are much more numerous than when we were here in September. They nearly all have a partly incubated egg or just hatched young one. Old birds ~~very~~ stick close to their young. Are not frightened unless run after. Beck had a couple come at him. they were driven off with some difficulty.

The fencing ~~do~~ is commonly engaged in two birds, usually though in pairs stand facing each other with outstretched neck and each crosses the other beak with its bill rubbing together, ~~Then a~~ a sharp clattering. then one or both will turn the head and lay it on the back for a second or two. Then what begins again, and the head is raised over the body ~~[illegible]~~ and pointed straight up. The mouth is opened then coming down from this position and closed with a ~~[illegible]~~ hollow snap.

William observed old birds feeding young. This was done very gently the head of the young being placed in the mouth of the adult and the food

Hood.

taken with a sort of lifting like motion from the lower mandible.
Old birds when you will find this sitting on an egg - reach out and grab you by the leg. Snipping the birds also to infest one with them fruits.
Two fresh eggs were found. The nest is in anywhere almost any where on in the more open ground being used as a nesting site.
Frigate birds are nesting still near the S end. In the nest find there are fluffy young. a few fresh eggs are seen.
Albatross booby is also nesting fresh eggs are seen.
Variegated booby is though nesting. Black naped young are common, young with some down are also, quite common.
Beck found quite a number of Albatross in holes on the W-side a few young were found. One of them is much larger than an old bird! All in fluffy down.
Certhidea are very common many were seen feeding in the low weeds and bushes.
Warbler common, Certhidea, fuliginosa and another also:
One pair of Creagrus have one fresh egg. The old birds stick close to the nest allowing

Flint

are to strike them. Beck got picture of them.

June 26

Skinned birds. Went ashore in p.m. and shot 2 bull seals & one cow. Skinned ~~the~~ one bull and took the skull of the other. The seal pups that were just born last time are quite well grown now and are wild. (See July 3)

June 27 –

Fixed up seal hide and put in pickle & cleaned skulls.

June 28 –

Went ashore and over to N.W. side of island. Found a very ~~[illegible]~~ rocky country. Thin land. There are few sea birds along the coast. Lizards are abundant. Little [illegible] else in the way of land. 2 black [illegible]. Albatrosses apparently are not on this end of the island. Beck expects them to be about this [illegible] [illegible] are the most noticeable bird.

[illegible]

[illegible] a very [illegible] [illegible] the [illegible] [illegible] [illegible] on the other side of the [illegible].

[illegible] a number of [illegible], with [illegible] [illegible] or [illegible] [illegible] [illegible] [illegible], 3 pair of old [illegible] [illegible] on [illegible] [illegible]. with one [illegible] of [illegible] the same [illegible] and [illegible].

June 29.

[illegible] [illegible] [illegible] [illegible].

June 30

[illegible] [illegible]

~~[illegible]~~ July 1.

Sunday. [illegible] of [illegible] [illegible]

~~[illegible]~~

July 2.

Went down to [illegible] [illegible].
Brought back quite a bunch of [illegible] and [illegible] [illegible]. [illegible] [illegible] quite a little [illegible] [illegible] [illegible] [illegible] a week ago.
~~[illegible]~~ [illegible] [illegible] a [illegible] of [illegible] to each other [illegible] [illegible] on the [illegible] the [illegible] is [illegible] [illegible] the [illegible]

Flood

and the birds swam with difficulty to either two or 3 deep arches. Old birds were quite fond of young covering them with their bodies. Squids were seen around the nests of a number.

White terns are quite wild on account of the visits made with I was able to see only one adult of young birds are still numerous and there young still hatching. Several black terns were and apparently after young all the time. Another adult & young were young still after ... to feed the

July 3.

Measurements of Turtle taken June 26

8.			
L.	7 ft 1 in	6 – 5	5 – 10
F.F.	1 ft 8 in	1 – 4	1 – 5 $\frac{1}{4}$
H.F.	1 ft 2 $\frac{1}{2}$ in	1 – 3 6	1 – 2
Tail	4 ft 6 in	.5 – 2	4 –
Sex	♂	♂	♀
Age		3 $\frac{3}{4}$	– 3 in

Chatham

July 3rd -06

Weighed anchor about 7 a.m. and headed for Chatham. We caught a big shark a 13 footer in the morning.
Dropped anchor in Wreck Bay about 4:15.

July 4 -06

Stayed on board.

July 5-06

Went up the hill and up the top of the island. Birds along the lower level are Pyrocephalus.
Crassirostris common Prosthemelas common
Zenaidura a few Fuliginosa common
Certhidea a few Nesomimus common
Coccyzus one Myiarchus.
I did not spend any time on the lower level.
Above the Hacienda it was very foggy
Birds along the road were Fuliginosa and a few Pyrocephalus. Only one or two finches were seen. they are apparently not common on the upper elevation.
It was so foggy that we had difficulty in finding the big hill. [illegible] on the rest of it.

Chatham.

During the night several sheerwaters were seen only one shot. The fog was very thick during the night and no rain fell. All the finches [illegible] the [illegible] ~~[illegible]~~ except the brown ones one day.

A few petrels were seen around the greater part of the hill and a number of two were seen now and then.

July 6 — 06

Went farther on in the region beach looking for the lake. It was very foggy and we had a still morning hunt before the lake. It was at last found about 3½ miles beyond the big hill, at an elevation of about 700 feet. It is a lake about a quarter of a mile in diameter in an old crater. It is a ~~rather~~ apparently a deep lake with steep sloping sides.

There is only a narrow fringe of water plants around the edge. There were no birds seen ~~around~~ the lake except seven Galapagos ducks. They were wild hardly allowing one within gun range.

A few finches [illegible] were seen occasionally,

working themselves. Swooping down in the water ~~and then~~ at times alighting on the water and [illegible] [illegible]. Wings not stretched all the time. There were about and stomach [illegible]. Beetles were found in the stomach.

Birds are quite abundant in the higher [illegible]. [illegible] [illegible] [illegible] seem to be different birds from the lower level. They act much like those Larks flying up in the air much after the fashion of [illegible]. They apparently spend most of their time on the hill as they were found sleeping in the longer grass.

The only apparently [illegible] ~~[illegible]~~ in the pitches of [illegible] & [illegible]. They are very black in the [illegible] compared with [illegible] [illegible]. [illegible] that [illegible] shot had quite different [illegible] in their stomach. [illegible] [illegible]

S.E. Owl | Remains of [illegible] and [illegible] of [illegible] [illegible].
Remains of ~~[illegible]~~ [illegible] and beetles. [illegible]. The beetle [illegible] [illegible].

A few [illegible] are seen in the [illegible] [illegible] and [illegible].

It cleared off about noon and on the way down birds were more [illegible]

more numerous than when going up. Nothing was seen besides. [illegible] and a few [illegible]. Pyrocephalus are quite common along the stream ledges. Yellow warblers are common all over the hills.

From [illegible] we saw jays on the hill.

Wilkins and I stopped at the plantation below the mill to get some birds. I was not fortunate in skinning them so did not get any. there were a dozen or so of jays around. [illegible]

July 7. 06

Spent the day skinning birds. Wound up with skinning in the evening [illegible] Brother & Bunny shot two. I missed mine. One owl was seen. It was probably a short eared owl [illegible]

July 8 —

Sunday.

July – 8.

A shark [illegible] and taken on board which had in its stomach.

Remains of grasshopper

Remains of centipede

Remains of a polygonum

July 9 – 06

Weighed anchor at Wreck Bay about 5 o'clock and headed for Barrington.

Reached Barrington about 11 a.m.

Birds seen on the way were

Dolphins [illegible] gulls 4 [illegible]

Ostrelegia [illegible]

Puffinus [illegible]

Albatross [illegible] several

Frigate Birds several

Galapagos petrel ~~one~~ seen.

Quite a number of Albatrosses were seen next to Barrington island.

I went ashore before dinner and shot half a dozen seals. They are very tame. I skinned two, but only one could be saved on account of the bare patches. A number of seals are badly scarred one big bull had several large gashes from which the white fat was sticking out, on the head and flippers several scars were badly torn.

[illegible]

[illegible] When we were here last October they ~~[illegible]~~ had been recently [illegible].

Length	5 ft 1 in	6 ft 4 in	5 ft 5½	5 – 1
Length F. feather	1 ft 5 in ½	" 10	1 ft 5¾	1 – 5
" H. "	1 ft	1 ft 2½	" ¾ in	" 1½
[illegible]	3 in		" 2¾ in	2½
[illegible]	♀	♂	♀	♀
[illegible]	4 ft 4 in [illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]
[illegible]	"
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	"
[illegible]	"
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	"

[illegible]

Barrington.

July 10-06

Stayed on board and fixed some skulls and skins.

Of the many lots of Barrington petrels flying around ship a few gulls and one albatross were noted feeding off fish. One was shot.

Frigate birds abundant. No [illegible] were seen.

Beck found signs of tortoise yesterday and the [illegible] men found two old tortoise eggs. No live tortoise was found yesterday or ~~today~~.

July 11-6

Weighed anchor in a.m. and headed for Academy Bay. Reached there about 11 a.m. I went ashore in the p.m. on the point between the two bays. The lagoons that were there when we were here [illegible] me still dry. In the lagoons there were a few birds but as they do not call as much as they did last time and it is harder to locate them. There will seem much less variation and segregation than the [illegible]. [illegible] than the ones higher up on this island. I had an idea [illegible] and it did not seem probable

[illegible]

[illegible] I made a quick [illegible]. [illegible] to "[illegible]" it and finally [illegible] it [illegible] judging from the way it [illegible] through the [illegible] [illegible] with [illegible] [illegible].

[illegible] are not [illegible]. [illegible] only a few [illegible] and [illegible] seen along the [illegible] [illegible] [illegible]. [illegible] and [illegible] are quite common and are [illegible] feeding [illegible] the [illegible] bushes and [illegible] ~~[illegible]~~ apparently [illegible] small [illegible]. W[illegible] along the [illegible].

Several [illegible] ~~[illegible]~~ seen and I shot 2 ducks [illegible]. One had just [illegible] a [illegible] another a [illegible] and the 3rd had the remains of a [illegible] in the stomach.

[illegible] [illegible] seen and [illegible] [illegible].

A few [illegible] were seen along the [illegible] and [illegible] shot.

Indefatigable

July 13—06

Went ashore at 8. a.m. by [illegible] boat.
Birds are quite common [illegible] seen [illegible]

Cormorant	common	[illegible]	common
[illegible]	"	[illegible]	"
Doves	"	[illegible]	"
~~[illegible]~~	"	Warbler	"
Pyrocephalus	"		

The Gallinule was shot. It was feeding among the dead branches in the usual [illegible] way.
Warblers are not [illegible] numerous as [illegible] formerly. only three or four were seen and one shot. [illegible]
All birds are in excellent plumage.
No young plumage [illegible] are seen.
Doves come quite [illegible] to the water hole to drink.
An old pelican [illegible] [illegible] [illegible] young [illegible] near that water hole.
Rats are quite common around [illegible] the [illegible] near the water hole. I saw several and shot one. set of traps.
Gifford got back from the [illegible] where he went yesterday. Did not get up to the [illegible]. He secured 3 rats and 3 [illegible]. [illegible] [illegible] [illegible] of [illegible]

[illegible]

in the [illegible] [illegible]. The [illegible] [illegible] quite common [illegible] [illegible], and [illegible] are flying around by the [illegible] during the early night and morning. They are also seen from the schooner just before dark flying very high and [illegible].

July 13. 06

I went alone for a few minutes at the water hole. I caught six or 7 rats but the [illegible] and [illegible] [illegible] all but two of them. Yesterday before dark two [illegible] got caught in the traps.

[illegible] [illegible] [illegible] [illegible] [illegible] they are nesting [illegible] along the cliffs. A small band of Puffins are flying around the bay.

No terns are seen. They were nesting along the cliff the last time we were here.

Pelicans are quite common.

No white herons are seen.

[illegible] [illegible] are exceedingly [illegible].

We [illegible] [illegible] about [illegible] but did not get any of the [illegible].

Inhospitable

the wind. Terns are most abundant only three or four are seen on the bay

July 14 - 06

Went into inner lagoon after loons. There are very few ducks now around. One pair of great blue heron were seen and shot. No terns were seen along the cliff and only a few puffins. ~~[illegible]~~ [illegible] are quite abundant. Plovers are rather common both phases of plumage about evenly represented.

July 15 - 06

Sunday.

July 16 - 06

Went ashore after a few birds did not see anything out of ordinary.
Went over to water hole in the evening after [illegible] and owls.
Rats are very common all around in the bushes and [illegible] they can be heard running. There seems to be great variation in the size of the specimens taken some of them being ~~[illegible]~~ three or four times the weight of others. They may be young but the smaller we had

[illegible]

[illegible] are [illegible] [illegible], five [illegible]
[illegible] and one shot [illegible] was [illegible]
They [illegible] me quite tame.
The [illegible] [illegible] have a peculiar habit
of raising and lowering the tail, when
looking to see what it is they are looking at.
This gives a rather [illegible] change that
is [illegible].
All of the [illegible] were shot had slight
[illegible] of [illegible] [illegible] [illegible]
the [illegible] and stomach was empty.
Got back on board at 6 P.M.
[illegible] 5 [illegible]

Thursday. July 12 '06

Spent the day [illegible] [illegible] and
[illegible].
Went ashore in the evening after some
rats and [illegible] [illegible] for [illegible]
I saw there a few [illegible] [illegible] [illegible]
and secured another was shot but
could not be found.
Only two or three [illegible] were seen
but none secured. One shot and
was shot all to pieces. It was the
only one of this species seen. [illegible]
[illegible] were [illegible] [illegible].
Rats are [illegible] [illegible]. No [illegible]
caught during the night. [illegible]

[illegible]

the track, leaving the other mites would begin to eat the infested one. Two were found in this way.

Great variation in size was noted in the specimens taken.

[illegible] were heard flying quite late during the night.

During foggy mornings they have been flying around the bay quite thickly. There are thousands of them flying very high during the early morning and evenings. [illegible] the evening [illegible] the majority are flying in toward the [illegible].

I spent the entire night on shore

July 18-06

Spent the day skinning [illegible] –

July 19-06

Spent the day on ~~[illegible]~~ skinning birds. Went ashore to the [illegible] on the point at the [illegible] side of the bay. The country is quite open. Flowers are quite common. Quite a few Warblers, [illegible], [illegible], [illegible] [illegible], [illegible] [illegible] were seen. A few terns were seen and we slid along the edge.

Jardine [illegible]

July 20 - 06

At last after laying [illegible] day for the last week we managed to get out of the bay and got around to the old settlement anchorage near [illegible] Bay.

Phalaropes were very common on the [illegible]. [illegible] followed along [illegible] in the edge of the [illegible] portion of [illegible].

There have been a dozen or so turnstones and sanderling [illegible] here. They are apparently very late though the fall migration cannot have commenced already.

There were also a small bunch of [illegible] and several curlew.

Six or eight [illegible] [illegible] were observed

[illegible] anchorage

July 21 - 06

Started in with [illegible]. William - Stewart to paint the trail up to the old settlement. The trail which is old and rather obscure runs about half way between the single peak next to the shore and a lower hill about 2/3 of a mile to the right. [illegible] The slope is very gradual. [illegible]

valley as usual. At first it follows an
rather grassy ground in places thickly
overgrown with cactus. The following
between is very old lava flows gradually
more eroded. Vegetation gradually becoming
more numerous. Ocotillo appearing at 550.
[illegible] trees 700, [illegible] ([illegible] lily)
ferns 400. [illegible] vine about 300. Live
oak 800. ([illegible])) Ferns became quite
abundant at about 300 feet.
The going is fairly good all the way in
as far as we went, 12 to 14 miles, and
about 1000 feet in climb. At the place
we stopped is a small clump of [illegible]
trees [illegible] it. From the top of the highest
tree. the old [illegible] could be seen [illegible]
[illegible] to the S.E. on the side of a hill.
Birds are not particularly abundant over
the levels than on. [illegible] [illegible] of
[illegible], [illegible], [illegible]. [illegible]
very abundant but beyond 300 feet about
they do not seem commonly. The
common species of [illegible] are found very
commonly above this.
[illegible] and [illegible] were both seen about
300 feet and seen scatteringly up to [illegible]
where we went.
I made an [illegible] with a stick to
find animals [illegible] [illegible]. The [illegible] [illegible]

shore in the bush and was about [illegible] [illegible] and later that looked [illegible] [illegible] In seen commonly from about 300 feet elevation.

Pyrocephalus is noticed all along the trail [illegible] also.

Pyrocephalus and Myiarchus and [illegible] were also common all along.

[illegible] are most abundant at the [illegible] 135, were seen flying at once, but were seen all the way up.

Owls were seen except a small owl, near the shore by [illegible]. One or two [illegible] were heard during the two nights we were on the island.

Oestrelata were heard flying in the evening after darkness. They gave voice to their chuckle and [illegible] like crow. This was not kept up all night but for only an hour or so. They could be heard flying when ever I woke during the night. A few were heard "crying" in the morning but this was apparently not [illegible].

Beck found the burrow and nest of one Oestrelata. It contained one fresh egg. The burrow was about 3½ feet long and shallow, the end where the nest was placed being only about 8 inches below the surface.

[illegible]

The entrance to the burrow was beneath an old grass covered ~~[illegible]~~ tiny. and was very well concealed. The only chance of finding it was by accident. [illegible] happened to [illegible] on the burrow near the end and a hole [illegible] the [illegible] in the roof [illegible] [illegible] away. The nest was a pad of dried leaves and [illegible] grass [illegible] [illegible] [illegible] but [illegible] [illegible] in. and was [illegible] placed at the extreme end of the burrow. Both egg and ♂ parent were ~~[illegible]~~ and found about 12 in ~~[illegible]~~. The ground was completely [illegible] [illegible] other rocks and [illegible] but there were [illegible] of the [illegible] [illegible] [illegible] and the getting [illegible] so difficult that [illegible] if there were more at this elevation (19,500 feet) one may be found by accident.

[illegible] are not [illegible] common within [illegible] of a [illegible] [illegible] [illegible], they were [illegible] from the [illegible] up [illegible] high as we got. [illegible] were seen flying at [illegible] 250 feet.

Indefatigable

July 24-06

Went ashore this a.m. to get doves.
Doves are very abundant in the grassy
meadows near the shore. Good sized
bunches of them are scattered through the
grass feeding. They make quite a few
rough little holes in the soft ground in their
search for seeds. In all 3-10 doz
were secured by our party. All of them were
killed with sticks.
For the most part they are in excellent condition
the feathers are much worn, but only
one bird out of the lot was "skinny".
One bird ~~[illegible]~~ had a good sized tape worm
in it. In all since last Friday
about 7½ doz have been killed.
Hawks are very abundant. Three nests
have been found, one with two about half
grown young, another with one fresh
egg in it, and ~~[illegible]~~ the other had been
used this year but the young had
flown. The nest with young was
built on a old lava pile, very bulky
with not much added for this year. Old
birds were quite ~~[illegible]~~ [illegible], coming
down with a swoop, then circling away
over your head. Young were quite
[illegible]. Three old birds were very

much [illegible] up in the [illegible] of the grass.
The other two nests were in old [illegible] [illegible] only a few feet from the ground. The one with the egg was about 10 feet high, built on the sloping side of a large branch and is about 2½ feet long, nest cavity about 5 inches deep and 14 wide scarcely lined with grass. The [illegible] sticks put on this year were in a layer about a foot thick. The old birds were not so much wrought up as on the other one. There were 3 old birds around.
Most of the birds (booby) are in the dark plumage, very few light ones being seen.
We weighed anchor about 9 a.m. and headed for [illegible] but owing to calm we anchored at [illegible] about 6.30.
Birds seen on the [illegible] way:
[illegible] ([illegible]), Puffinus, [illegible] [illegible], [illegible], frigate birds. We [illegible] a few [illegible] and one albatross.
Beck saw a pair of [illegible] [illegible] today

Indefatigable
Annex Cove

July 25 - 06

Went ashore this morning in Annex lagoon

Spent most of the morning looking for rail. Rails in places are quite common. They answer clapping quite well, and are much tamer than those higher up on the island.

Four were shot at one place within a few minutes, ~~four were shot~~ at another place. The sex organs of these killed were quite well developed. Several times a peculiar variation of the common chuckle was heard. A prolonged sort of a trill.

Great blue heron were ~~seen~~ commonly also plumbeous heron and one ~~[illegible]~~ yellow crowned. [illegible] oyster catchers were seen.

A few curlew and one ~~stilt~~.

Weighed anchor at [illegible] P.M. and headed for S. Seymour. arriving there 4.30

Seymour

July 26-06

Went ashore this a.m. and looked down the coast to the S. to where there was a lagoon and ducks but time we were there the lagoon was dry and no ducks nor shore birds were seen. Land birds were not particularly abundant several small bunches of Geospizas and vermilions were seen. Several doves and a number of mockers. Mockers are perhaps the most noticeable bird. Three Oyster-catchers were shot on the beach, two old and one young. Several [illegible] Cranes were seen. One great blue heron in breeding plumage was shot.

Several [illegible] were seen and then [illegible] are common along. Pelicans one bunch of eight were seen. [illegible] Gulls are flying around the bay commonly. Yellow warblers are common in the green brush. Several [illegible] were seen all in the black plumage. One penguin was shot by Gifford.

King shot one [illegible] on this island. This is the 1st record from this place.

James

July 23-06

Pulled up anchor at 4 a.m. and headed for James. Owing to light winds we did not reach there until late in the p.m. dropping anchor about 5 miles east of Sullivan bay.

A large flock of [noddy] terns were seen near Seymour island.

An albatross was seen between Seymour and Daphne. It followed up [illegible] before [illegible].

[illegible], puffins, [illegible], and terns were seen ~~commonly~~ [illegible] on the way to James.

Beck and Gifford landed on a small island on the east of Sullivan bay and shot a number of [illegible]. They were quite common.

[illegible]

11

July 28-06

Went about this aftn. & out walked
along the coast. The [illegible]-bill
[illegible] are [illegible], [illegible], and
[illegible]. a few [illegible] are seen but
not many. [illegible] are quite common.
[illegible] are quite common. [illegible] [illegible]
[illegible].
Have just [illegible] Blue Crane which ~~[illegible]~~ me
shot from a nest in a [illegible] mangrove
tree. It was a mere platform of [illegible]
sticks with a slight hollow at the
top lined with smaller sticks. The
nest contained an egg already pipped and
two others perfectly fresh.
Several [illegible] were seen and
a small bunch of [illegible]. [illegible]
saw a small bunch of [illegible] [illegible]
and [illegible] [illegible] [illegible] [illegible].
Saw Flamingos ~~[illegible]~~ were taken in
a small lagoon [illegible] from the coast.
Their ~~[illegible]~~ ovaries ~~were~~ not developed.
Several ducks were shot also with ovaries
ovaries undeveloped.
Several [illegible] were shot with quite well
developed ~~[illegible]~~ organs.
There are rather good mangrove swamps
suitable for [illegible] but no signs of any
nests were [illegible] [illegible].

Game

Some were found to be eating snails as well as the turtle [illegible] [illegible] were [illegible].
[illegible] a [illegible] [illegible] [illegible] were seen and shot.
Good signs of rats were seen but none were obtained.

July 29-30

The turtle and rat [illegible] [illegible] colonies are around [illegible] these rats. One of the rats is quite different from the other two. [illegible] are evidently quite common.
A small bunch of least sandpiper were seen.
Several pictures were taken of a flamingo that could not fly on account of new feathers coming in the wing.

James

James July 30-06

Went ashore this morning and drove to a [illegible] about a mile below our anchorage. (We have moved about a mile from where we were).

Birds are not abundant several pyrrhuloxia and one or two [illegible] were seen.

One yellow crowned heron was shot [illegible] seen.

William saw a gallinule near the beach.

On the lagoon I saw a small bunch of least sandpipers, three golden plover, several turnstones, a few stilt, a few curlew and several ~~semi-palmated~~ plover also ~~two~~ two or 3 tattlers.

All were wild and would scarcely allow gun range approach.

Went ashore with William in the evening he after insects and I after [illegible]. but a few moths were flying and that was all. Birds were not plentiful according to [illegible], they ought to be, but only one was [illegible] up to ten o'clock.

The bats were seen.

One short eared owl was seen flying over the water when we were going to

James.

the slit.

July 31-06

A few birds were seen but the same as yesterday and the previous days here. A [illegible] was seen after a very good effort but was not able to catch it.

[illegible] reports seeing a [illegible] in a [illegible], he caught the [illegible].

The traps I left set last evening, had a miscellaneous collection of specimens in them, [illegible], lizards and 2 rats, two eaten by others so that they were spoiled. I cannot understand why the rats did not get in the traps earlier in the evening when they are so to speak late sleepers.

[illegible], [illegible], [illegible], [illegible], [illegible], besides the above birds, and one [illegible] flamingo, were seen on the lagoon.

James

Wednesday. August 1st 1906

Went into the interior of the island to a low flat top crater ~~to~~ about 5 miles inland to help pack out tortoise.

Birds are few and far between. there are seen a few Geospiza, scandens, fuliginosa, ~~[illegible]~~ Certhidea, warbler ~~[illegible]~~ mockers will be seen but they do not occur in flocks (The crater is about 700 feet in elevation)

An occasional [illegible] is seen once in a mile or more. and as one gets farther inland an occasional [illegible] is seen. Black billed cuckoos and [illegible] are seen occasionally near the crater.

The country is very rough and ~~[illegible]~~ travel is hard until the base of the crater is reached. Lava rough and tumbled is the rule. In places the brush is quite thick but for the most part ~~it~~ traveling is not bad on account of the brush but on account of the roughness of the lava.

Pyrocephalus ~~are~~ rather common and an occasional Myiarchus is seen.

Hawks are not abundant. several were seen near the crater but only one or ~~two~~ two in between there and the shore.

James

August 2-06

Went in to stay over night and pack out tortoise ~~[illegible]~~. Birds were the same as yesterday. Several pintails were seen and some cormorants and [illegible]. Reached ~~[illegible]~~ the crater about 4 o'clock ~~[illegible]~~.

August 3-06

Packed out tortoise today.
I saw a pygmy [illegible] throw up a pellet composed of beetle skins and the legs of other insects. The bird made a gape and nothing came, another gape brought up the pellet and then I secured it from the bird
A new flamingo was seen at the lagoon
~~[illegible]~~

August 4-06

Went in and [illegible] pack and two birds today.
Pelicans are breeding ~~[illegible]~~ in the mangroves. Young birds [illegible] the nests Petrels are abundant on this side of the island about as high as I have been 200 feet

James Bay

Aug 5-06

Sunday.

Aug 6-06

Weighed anchor 7 a.m. and headed for James bay. Reached there about 3 P.M.

Only terns, [illegible], ~~puffins~~, [illegible] and White boobies, pelicans, frigate and [illegible] petrel were seen on the way. We [illegible] [illegible] about a dozen young ~~[illegible]~~ flamingoes of various sizes in the lagoon. We took pictures of them. ~~Only~~ Only a few ducks are around. A few penguins are seen in the bay. Pelicans are common.

James Bay

Aug 7-8.

Went into the interior of the island two days.

We found very good mule trail up to about 1400 feet elevation. then about 400 feet of thick brush and the rest fair mule trail.

There are quite a number of birds all along the trail.

F. fir. fuliginosa, Stenorhynchus, Pyrocephalus, Myiarchus, parvulus, [illegible], and all the way in to as high as we went (2400 feet). They are most common about 1450. Birds for the most part are not common above that. Flowers are not common higher than below that level. [illegible] are seen below commonly.

[illegible] begins at an elevation of about 300 feet and extends as high as we went. quite common all along. [illegible] is also rather common. [illegible] are commonly at about the same elevation although a few are noticed below.

[illegible] is apparently not common only two were seen and they at about 1400 feet.

James Cory

I saw no pollen.
There are numbers of black headed dominicans around.
Rails are not common as was stated at about 1750 feet and a few more beyond but the most were heard at about 2300 feet.
The grass is quite dry now and it ought to be easier to get them than it was last time but it is not much so. The little fellows are very cautious and become alarmed at the slightest noise. Occasionally one is seen that is not quite so cautious and it will come out into quite open country. It is about as difficult and tedious a job getting them as it ever can be. In the morning the grass is wet and everything sloppy. You have to lay down on your stomach [illegible] in below the [illegible], then wait for your bird to show up. They do not answer clapping as well as they did last time. I secured three all told in about 4 hours solid hunt after them. I had the best success with a 22 pistol. All that I shot were within two and three feet from the end of the pistol.
During the night hundreds of -

[illegible] were heard flying about and calling.
They began flying about 12 o'clock and kept it up until 4 or 5.
Apparently they were flying very low even among the tree tops and bushes.
I looked for holes during the day but could not find any signs of nesting places. I am sure they must nest some where on the island. probably in a colony on some hill. But it would take several days hunt to find it.
Very few rats were found as high as we were. Only one was heard during the night. at about 2200 feet.
Slugs and [illegible] are common. Many of both were seen.
Rat droppings were seen in a cave at an elevation of about 2500 feet. This is the highest that I have seen signs of rats.
~~Pigs are~~ Two pigs that the [illegible] shot were in good condition, and fat, several sows were not. There is at present enough water in the higher levels for them. Water collecting in pools along the trails and under

James Bay.

was in settled places. Where the [illegible] from the grass [illegible] in the trees and [illegible] [illegible].

August 9-06

William set traps for me at the ~~any~~ left end of the beach. There are signs of rats there but only 4 were caught. Only one was skinned and the other put in alcohol.

We weighed anchor about 8 a.m. and headed for Quaking(?) Bay.

We struck [illegible] just outside of the Bay owing to Parker running on to the [illegible] after spending the remainder of the afternoon getting off we dropped [illegible] in the bay.

No bats were seen on James Island by any of the members of the expedition.

The [illegible] of the 3 [illegible] [illegible] were quite well developed showing [illegible] [illegible] [illegible].

Cowley Bay.

August 10 - 06

Went ashore late after skinning birds
left over from yesterday.
The country here is much different
from any we have visited. There
is a long stretch of 4 or 5 miles from
the coast that is practically barren
of vegetation, a scattered bush here and
there. The ground is covered
4 or 5 feet thick with pumice stone
on account lava rock sticking up
Birds are scarce.
[illegible], [illegible] & [illegible]
were seen in a clump of trees
next the coast.
I shot a large ♂ great blue heron
in the height of breeding plumage.
The skin around the eyes was of
a rich French blue color. Also
shot several gulls.
Went ashore again in the after. to
set traps and stay all night
There is old rat [illegible] around
the water holes but evidently no rats
at present. I only caught two
and these in a clump of green trees
next the beach.
There are signs of rats around one

Alberta Crowley Bay

were seen yesterday, and they evidently keep the birds thinned out.
Two short eared owls were shot in the early morning. They were the only ones seen. Sex organs not developed.
One A gull shot in the morning had two worn spots on the sides of the belly ~~as~~, much like an incubation spot. Sex organs were small.

August 11 - 1906

Shot 2 young ptarmigan [illegible] both ♀ in brown plumage.
Stewart brought a yellow crowned linnet and a ptarmigan also. Yellow crowned a ♀ young. [illegible] in peculiar light plumage.
Griffith came down from the mountain at noon. Collected there [illegible] birds. [illegible], [illegible]. He got a few [illegible] and several pallidus. [illegible] birds and some of the old birds ~~[illegible]~~ show breeding organs.

Cowley Bay. Albemarle

August 12-06

Set 12 traps last evening and caught 5 rats. One trap containing one trap had two rats in it one Mr. rattus, and the other Mr. Alexandrinus of the Black rat, which ever it is is apparently the most common species here. The one brown one is the only one seen or caught.
One turnstone was seen today.
Pelicans are quite common here.
Several Herons ~~have~~ been seen flying, and a few frigate birds.
Audubon's [illegible] are often seen

Cowley Island.

August 13-06

Weighed anchor 6 A.M. and headed for Cowley island. reached there in a half hour or so. [illegible]. Beck and I went ashore, [illegible] the [illegible].

Cowley is the remains of an old broken down crater. the East side of it is all broken down and another quite a little ~~[illegible]~~ across.

The island is very sandy on neighboring, are good sized clumps of Opuntia cactus, and half a dozen or so species of other plants, many growing among them. They are very much scattered.

Quite a small flock of fuliginosa and fortis were seen around the shelter and feeding on the ground near it.

Cormorants are quite common. There are a hundred or more around the island this morning. A few young birds were flying around. Pelicans also. A few Herons also.

There are numerous signs of petrel nesting. Petrel eggs are frequently found in holes in the lava. Several young birds were taken ~~out~~.

The young are for the most part nearly grown. Several were taken with slight traces of the fluffy down on them

all the eggs found were rotten. Some found are already cracked by the young bird.

The birds select a hole under a loose rock. There is somewhat of a nest but not some I think there the sticks fallen into the crevice from the four winds (rubbish)

Old birds were found in several places. I took two in a sort of small cave. Both birds allowed me to pick them up without any resistance on their part.

No Wrangel [illegible] were seen and only a few kittiwakes. Jaeger and ravens were absent.

A few glaucous gulls were seen flying about. They may not have also. Back on board at 8.30 and headed for [illegible].

Duncan

1 August 14-06

Reached Duncan about 10 A.M. this morning. I stayed on board and finished up the birds from yesterday. In the P.M. started for the interior of the island intending to stay all night.

On the way up saw fuliginosa, fortis and scandens, scatteringly, a dove now and then. Birds are not abundant. Inside the upper crater there are small flocks of these Geospizas and doves.

The doves are quite wild, much more so than those on the other islands.

Gifford reports seeing a number today. Beck may be near a couple which we were here last December.

Beck also reports shooting 2 psittacula and one pallida today.

Several boobies ~~[illegible]~~ about half & half dark and light phases.

A number of terns were flying around the landing place. They and several Audubon Shearwaters and a few Gulls are all the sea birds I have noticed.

Nihoa

August 15-16

There are evidently not a great many rats near camp as out of 11 traps set I only caught 2 rats. The baits on the others were not even touched so there cannot be a great number just here.

I went over on the south ~~[illegible]~~ end of the main valley. I found a flock of six finches in an open place. They were drinking water from the pools in the rocks. During the night there was a rather heavy fog. Birds during the early morning kept close to the [illegible]. I saw nothing special the same birds, [illegible].

[illegible] shot 2 [illegible] and 5 [illegible] in the bottom of the lower crater (450 feet). The [illegible] birds quite common [illegible] the [illegible]. and [illegible] [illegible] and [illegible] [illegible] and [illegible].

[illegible] saw a short eared owl. [illegible] reports four or six of the same at about 2 P.M. near the landing place. We sail in the morning for [illegible].

S. Albemarle Aug 22-06

Started for the mountain "a mile back".
Birds are not numerous along the trail.
♂ Fuliginosa, ♂ fortis, crassirostris, scandens, certhidea, pyrocephalus, warbler, myiarchus, and a few hawks are about all seen. Gifford saw 4 or 5 cuckoos.
Reached the hacienda about 12 o'clock. Found everything rather sloppy on account of the almost continuous fog.

On the mountain S.A. Aug 23.

Went on down the trail to into the sugar cane field. Birds are quite numerous ♂ Fuliginosa especially. ♂ few fortis were seen. One pallida shot while in its usual way of feeding. Crassirostris is very common. They are as usual very watery "gutted". The skin slipping on the belly after a very few hours.
Pyrocephalus is rather abundant, mostly in yellow plumage. Quite a number of hawks were seen, all in black plumage.
Crassirostris are feeding on hedgetype berries, also on a small red berry.
Warblers are quite common.
♂ two cuckoos were shot - they were the only ones seen.
I shot one bat in the evening, the only one seen by me. Williams says one other

Aug 24-16

I went with an hombre to an old lava tunnel about a mile from the hacienda after owls.

The country is quite open the brush for the most part being low. an occasional large tree is noted. and in the hollow or depression the brush becomes quite thick. Cattle trails are numerous and consequently misleading as they all look alike. Grassy spots are frequent. In places the brush has been burned away leaving numerous dead bushes and small trees. about 8 or 10 pallids were seen in these places.

Flocks of Seligueras with a few finches and an occasional sparrow are common.

Thryomanes is the most abundant bird ~~then~~ (cutting commonly) pyrocephalus, sandalus. The others are ~~about~~ more nearly dendroica, myiarchus, sparrows, finches, pallids. Several doves plumy birds are seen. but birds are not particularly abundant.

In a little pocket on the side of the lava tunnel was one barn owl. There are signs that this is quite a resort for owls, pellets are very numerous.

It is an excellent place for them: a large tunnel 20 feet or more across and nearly

as high. These are the remains of ~~others~~ some, one large tortoise,

The owl killed had the remains of a large rat, one beetle and a katydid.

The country is almost covered with the old shells of tortoises there are hundreds if not thousands of them. They have all been killed within the last 5 years. In ~~the~~ a 3 hours walk I found 6 live ones of about 125 pounds weight. Apparently they are very fat. It is odd to see them eating the grass much after the fashion of cattle.

One dead one was found that probably had been killed by dogs. There was one small pup at her body. It was killed

8. Alhamba Aug 25 - 06

Went over to the same Cave tunnel. There were 3 or 4 owls there but I only secured 2 of them.

The same birds as yesterday were seen with the exception of no [illegible]. and one bird that looks much like a [illegible] It is a black headed [illegible] of some sort. Beak does not look large enough for an [illegible].

One rat was seen running from one bush to another was not shot.

Dogs are very numerous. They were heard barking on all sides at times. I surprised a bunch of six or eight that were eating the remains of a tortoise, the natives had killed. They at first ran toward me barking but did not come very close. I shot one. They are built more on the heavy hound plan rather than the fox terrier plan of the [illegible] dogs. They are fat and evidently live very well.

I caught one rat at the sleeping quarters last evening.

None of the birds killed show signs of breeding, plumage is for the most part good.

Sunday, S. Albemarle Aug 26-16
an [illegible] brought me 2 [illegible] a young
one and an old.

S. Albemarle

August 23-06

I went back up to the Hacienda after spending the night on shore.
I saw a bird at the shore yesterday that probably was an osprey.
On the way up no new birds were seen. The birds seen were all of the common species. no sanderlings.

Aug 25-06

Went from the Hacienda up to the top of the mountain.
The country from the Hacienda on is much like the California hills. open and covered with grass and low vegetation.
Birds are not abundant but occasional flocks are seen. containing mostly fuliginosa, & a few fortis
It was foggy until we nearly reached the top then it intermittently cleared until by eleven o'clock the top was entirely clear and we could look across the fog at Iguana Cove mountain.
Birds are quite abundant to the top. Dendroica and fuliginosa around abundantly. Fortis and fuliginosa very common. Camarhynchus and ~~psittacula~~ Pyrocephalus are seen quite commonly. The doves

and no cushions were seen on the rim of the [illegible].

[illegible] were fairly common walking in the sun grazing on the [illegible] branches.

Several [illegible] were seen all along the way.

Everything is much dryer near the top and on the western slope of the mountain than on the Eastern slope above and at the hacienda.

Quite a number of turtles were seen during the day (12 or 15). Besides the remains of thousands of ones killed by the natives.

The sulphur volcano is working quite actively. It is a small crater on the side of a steep slope, about 6 feet in diameter. The ground all around is permeated with cracks ~~[illegible]~~ the [illegible] sulphur fumes [illegible] escape. Sulphur is being formed all the time.

We started down from the top about 4 o'clock reaching the hacienda about six.

Dogs are very numerous numbers of them were seen.

Cattle are also very numerous. Hundreds

[illegible]

than it was seen on top it was of the same species seen at the ground.

August 29-06

A brown owl flew into the house last evening and was caught. Went over to the cave but found no owls. I secured one mother bat. during the evening. There have been several flying around.

Aug 30-31 - Sept 1.

Pallida is very common about the buildings one day I secured 33. Some of the ♂ show large testes and are singing ♂ are most numerous. only a few ♀ show large ovaries. They are feeding on a small green worm that is quite abundant around the roots of trees. These are the first pallida that I have seen walking on the ground

Martins are very numerous around the cattle corrall where there are the ~~bo~~ carcasses of numerous dead cattle.

Albemarle

Sept 3-4-5.

Spent at the ~~[illegible]~~ Sa Plin.
I went after birds. Found 2
flamingoes. Some are white
herons. very wild.
Some are nesting and are
so wild I could not get a shot at
the [illegible].
Shot 2 Cormorants they show
no development of the flying organs.
Gulls. Terns. very numerous. Found
the Sea Plin. feeding on the refuse
around the point. very tame.
Ducks are quite common [illegible] as
[illegible].

On the 5th we weighed anchor about
4 P.M. and headed for Chatham.
~~[illegible]~~

Sailing

Sept 6 -

Saw creeping, Cornus, Viburnum ovalis, Juffinia, Astralagus, gracilis and one or 2 tropic birds.
Reached Chatham 9 P.M.

Chatham

Sept 7 - 06

Went up in the morning to the Hacienda did not see anything but the common birds
In the evening I went up after birds. Birds were quite numerous around the garden spot. Shot a thrush & found and 4 or 5 that I could not find. They are a much larger bird than the one secured at Albemarle and are possibly a different species.
Spent the night in Cobos house.
Rats very numerous heard them all night

Chatham Sept 8-06

~~Saturday spent the day on board~~
Saturday Went up to the Hacienda that evening spent the night and came down in A.M.

Chatham

did not see any birds out of the ordinary.

Went back up in the evening to get more bats. There were not as many flying as there were last evening. Possibly on account of the fog. One was shot.

Sept 9 - 06

Sunday. Spent the day on board.

Sept 10 - 06

Went up to the hacienda this A.M.
Skinned birds in the afternoon.
Birds were the same as before.
No birds were seen with any signs of diseased feet.
Weighed anchor at 5 P.M. and headed to S. Albemarle to take the governor, his secretary, interpreter and guard.

Sailing   Sept 11 - 06

Sailed all last night and were off Charles this morning.
Albatross, puffins, Aestrelatas, were seen along the way. Several flocks of sand pipers were seen. Probably some of these were phalaropes.
Left a boat ashore at Albemarle.

Ensenada

(Villa Mill) about 2 o'clock which we had to. At 4 P.M. we got under way and started for Coronado Island.

Sept 12-06

During the night we did not make much were off Coronados islands at day break. During the day we worked up to about 10 miles from Ensenada

Several flocks of thousands of phalaropes were seen resting on the water and several other smaller flocks were seen flying. Auklets & Puffins were quite numerous and an occasional albatross were seen

Sept 13-06

During the night we worked up so that at day break we were just off the little north of Ensenada.
Several small flocks of Sand pipers were seen during the day. Albatross were seen during the summer south of the Equator. Birds gradually became less common as we got farther from land ~~[illegible]~~ a few Auklets and Puffins were

the only one seen.
Tower was sighted at 3.30.
As we neared Tower Procellaria were
seen quite commonly.
At 5 o'clock we saw we could
not make the island so laid to
during the night.
One fork-tailed Gull was seen about 12
miles from Tower.

Friday Sept 14. 06

A very strong wind during the night
drove us out of sight this morning.
Sighted about 9 o'clock
As we neared the island, pink
footed boobies became rather common.
Noddies and puffins were common
Frigate birds were quite common.
Two Albatross were seen about a
mile off Tower island. This I think
is the first record for this bird north
of the equator.
One tern possibly a white one was seen
about 12 miles off the island.
Several noddy terns were seen near
Tower.
One Brewster booby was seen near
the island
Birds became quite common near the
island.

Tower.

Anchor was dropped on the N. W. side of the island about 12 o'clock.
Went ashore about 2 P.M.
[illegible] are quite common along the cliffs. Noddy-terns are also quite common. One tropic bird was seen.
The island is low. ±11 feet. The lava is smooth and soil.
There is a very good covering of Bursera trees and low cactus. Getting around is very easy, brush not being thick enough to interfere.
Pink footed Boobies are common. It seems odd seeing these birds nesting in the trees. Young full grown birds are numerous. Some of them have not yet got pink feet, the color being a pale flesh blue.
Nests are in the trees and on the ground at the base. Apparently the same nesting place is used for quite a time judging from the dung below them. The birds have a rather more musical squeak than the call of the [illegible] and [illegible] boobies. They are as usual very tame allowing close approach.
Frigate birds are nesting commonly in the Bursera trees. Most in colonies but

Scattered over the island. Some were found with eggs. The young being from about a week old to nearly grown.
Land birds are not abundant.
The most common are [illegible], Camarhynchus and Certhidea. These are about equally abundant.
Nesomimus and Pyrocephalus are about = abundant.
~~All~~ plovers are quite common.
All the land birds except the doves ~~are~~ and Certhidea are quite wild differing in that from the usual tameness of birds on other islands.
Pyrocephalus seems to be much like Sayornis in its actions.
Dendroica much like the other Dendroicas.
Bob-links are about as usual.
I shot a [illegible]. The first record I think of this bird from the island.
Certhidea are common and as usual feeding in the low bushes some time sucking the honey from flowers.
[illegible] are not the same inquisitive fellows that we find on the other islands, seemingly they come to see what you are but not taking a great deal of time to do it.
One wandering tattler was seen on the

(Under 1 (that end) stomachs contain the remains of
birds unidentifyable. Pellets found by Williams)
had the remains of petrels in them

rather. Also ... seeing yellow
crowned night heron.
Flocks ... on the lagoon inside
Galapagos [redacted].

Sailing.

Sunday Sept 16-06

Weighed anchor 9 30 a.m. and headed for Bindloe. Reached there about 4 o'clock tried to make anchor on the S.E.W. side but could not, so went around on the West side and anchored about 6 P.M. [redacted] Four birds were seen on the way. Aestrelata is not abundant. Puffinus common. also Procellaria. A few red footed boobies were seen near Tower but not so many. Frigate birds are sailing around here and there in the sky. I spent the forenoon cleaning a few seal skins that Beck collected on the South side of Tower. He reports that there are few there, and hard to get. After going back in among the rocks. The one he got is in fine

Birdlana. [illegible]

pelt. very short fur.

Monday Sept 17 - 06

Went alone about 7 A.M. Found
[illegible] [illegible] we had very good
to get around some. Cinders and tufa
[illegible] with very thick. Began
thickets [illegible] the top of the island
that of the surface of the island is covered
with [illegible] [illegible] [illegible] [illegible].
Birds rather abundant. [illegible]
the most common. good plumage. [illegible].
[illegible] [illegible]. young birds are
still with parents in many cases.
[illegible] more common than [illegible]
[illegible].

Catbirds quite common. [illegible] in
[illegible] in the [illegible] [illegible]. no
good plumage.

Scarlet [illegible] not many seen. in good
plumage. some of them are [illegible]
[illegible] not abundant [illegible]. [illegible]
a very small ~~[illegible]~~ variety of fruits.
Birds in good plumage but few in flocks
Only one [illegible] was shot and
seen.

Chewinks not abundant. I only
saw one [illegible]. Birds [illegible]

Boobies

terns and Sooty S. ~~they were~~
the one I got was brooding young
on a dead branch much like a
man-of-war.
Curiously enough although only another
much larger than ordinarily on the
atoll. Sex organs undeveloped.
Both Sooty + Brown [illegible] black
banded individuals of this genus.
[illegible] and [illegible]
[illegible]. Sex organs undeveloped.
Are [illegible] seen and several
[illegible] They have the [illegible]
[illegible] the [illegible]
[illegible] in the [illegible] sleeping most of
the time under bushes.
Herons quite common. Reed reports
them as [illegible]
[illegible] of the [illegible] in the higher
part of the island.
Along the water on shore there
are quite a number of shore birds
Tattlers, sex organs fairly developed,
birds in fine plumage and fine flesh.
Turnstones, [illegible] collected six
[illegible] of this species developed.
Plovers, Curlews, [illegible]
Pelicans. [illegible]

Birdlore.

No signs of rats were seen. Lots of small holes are found in the tufa but these are made by the [illegible] I think. Birds are found at 12 [illegible] and sleeping [illegible] [illegible] day.

Suffused shot one semi-palmated plover. I saw several curlew they and the [illegible] were wild.

Sept 18-'06

Beck went ashore this a.m. Two [illegible] killed one stomach empty the other had the remains of a [illegible] in it.

Females in fine plumage one dark the other light. Sex organs very slightly enlarged.

One [illegible] killed but from [illegible] [illegible].

We weighed anchor about 9.30 and headed for Albemarle. Reached there and anchored on the south side about 12.30. A few [illegible] and puffinus also [illegible] seen on the way.

Abingdon.

Sept 18 – 06

Went ashore about 2 P.M. Country near beach rather open small lava and brush scattering. more brush gradual slope to the main crater of the island. Bursera most abundant and noticeable tree. dwarfed.

Birds fairly abundant.

Sparrows quite common.

Nesopelia common

G. fuliginosa most abundant geospizi

G. [illegible] next " " "

Certhidea fairly common

One yellow warbler seen.

One Flycatcher was seen and shot.

Several [illegible] were seen.

Several [illegible] But no ~~[illegible]~~ [illegible] were seen.

[illegible] common. Several Oyster-catchers seen along the rocks also tattlers and a few semi-palmated plovers. Turnstones are quite numerous and some are in breeding plumage.

Hair seals are quite common there are several big bulls. A few pups upwards to a month old are in the [illegible] they do not take to the water when scared.

Abingdon.

Sept 19-06

Spent the day around skinning birds. Some of the ♂ fuliginosa (minor) have greatly enlarged testes.

3 [illegible] killed yesterday were ♀ ♂ and young.

Beck reports hearing several rail near the top, he obtained 2. He also reports taking a [illegible].

Sept 20-21 - 06

Rained during the night. About 8 a.m. I started in for the higher parts of the island, intending to stay over night. I found a fine lava tunnel, the boys reported, and [illegible] left my stuff there. All [illegible] still [illegible] the old volcanic [illegible] left and was fine for the night.

About 300 feet the brush became quite thick ~~and~~ from there on to the top. It is rather thick but in few places is it too thick to get through.

Spring is apparently opening up as much of the vegetation is in bloom.

Above 1000 feet the fog during the a.m. is almost constant; during the P.M. it clears off; some what [illegible] and [illegible] for a [illegible]

the top will be dry. but foggy enough for the brush to dry out [illegible]. The under brush becomes much thicker near the top.

Birds are quite numerous. There are numbers of young, recently from the nest and [illegible] of the following species.

[illegible], [illegible],
[illegible] [illegible], [illegible]
[illegible].

Old birds are as a rule in poor plumage. Most birds are nested below 9000–10000 feet elevation. above that they are more scattered. the following were seen. these were only seen [illegible]

[illegible], ~~[illegible]~~, [illegible], ~~[illegible]~~
~~[illegible]~~ [illegible],
[illegible]. The ptarmigan were seen and shot but not found.

Rail. These rails are very much like the ~~[illegible]~~ [illegible] & Jamaican Rail, possibly a little larger and without spotting on the breast. They inhabit the thick brushy country near the top ~~where~~ it is constantly wet. They are as usual quite curious and will cackle when a [illegible] is made

Albrighton

They are not where seen as thick as on Grammier Ledifeit. I only heard 3 in several hours, but in them distinct. Several are.

Stolidi is not as common begin up at about 300-400 feet. I shot one adult ♀ that had an egg nearly developed in her.

The ♀ just killed had an egg entirely ready for the shell.

Sterna is a very common gathering more in the Seaclines.

Tritis & polynesian are about = common. I can see no difference in the range of the 2 supposed varieties. They both range rather high up but the commonest near the top about 1500 feet.

The pastinnalis pure seen. This with the one Bird seen is the second seen on the island.

Cathedri are quite common one up to about 1000 feet.

Sex organs of nearly all land birds are enlarged and show are breeding season.

I shot 2 least sandpipers. Some are Tringa... the beach.

Abingdon

During the evening (Sept ~~20~~ 21) I watched for owls. I saw 3 short eared but did not secure ~~either~~ any of them. No Barn owls were seen.
No signs of rats or bats were seen.
There are a few pelicans around at the beach.
Beck saw a Pink footed Booby.
Gifford secured quite a number of Plumbeous Herons and one Willet. Beck saw a Spotted Sandpiper.
Iguanas are not abundant but were seen around to the top of the island.

Saturday Sept 22-06
Spent the day on board skinning birds. Gifford & Beck were on shore during the a.m. Beck secured 3 [illegible].

Sunday Sept 23-06
Sailed for Wenman about noon. Birds [illegible] [illegible], pink footed Boobies, Albatross, [illegible]. White [illegible] [illegible].

Wenman.

Monday Sept 24

Wenman sighted about 11 P.M.
We landed about 9 a.m.
The island is very steep mostly almost sheer walls. Two fairly level plateaus that are more or less covered with low scalia and cotton bushes. There is a patch of the red barked tree like found on James on the upper plateaus.
Birds are numerous

Septentrionalis is very abundant and tame. Most birds are in young plumage with light beaks and brown tertiaries. Black ♂ and dark mottled ♀ are not as abundant as birds in young plumage.
[illegible] ♂ and adult ♀ were seen carrying nesting material in their beaks. Testes of ♂ are greatly enlarged. This species is very tame and all specimens wanted can be killed with a stick, they are singing commonly.
Strenua is the next most common geospiza — they are not very common and not as tame as the former species. About 20 specimens were seen by Beck, Gifford & myself. Six [illegible]
[illegible] small.

Wenman.

[illegible] are not common. Only five were secured by us. They were as usual nesting in the [illegible] bushes. Sex organs undeveloped.

Doves are quite common but not thick. The ♂ are much larger than the ~~[illegible]~~ species on the other islands that we have visited. The difference is quite perceptible in the live bird. Sex organs are large. Several nests of this bird was found. They were placed among the low cactus sometimes in cavities with white shells and sometimes not. A frail nest is constructed of sticks and small weeds. I was quite surprised that the parents when surprised on the nest would go away feigning a broken wing. All the old birds flushed from nests ~~[illegible]~~ did this. Several ♂ were seen on nests.

Mockers are common and as usual inquisitive and noisy. They seem to be much ~~[illegible]~~ darker on the breast than species here to fore taken.

Several birds new to this island were taken. Black [illegible] seen

Georgia comm— young and good sized

Wenman

~~pestleminalis~~ (sufficient ay. but last then
this is the first record of this
species on this place.
I saw one fuliginosa and Beck
secured several.
Beck saw two or 3. Eulerlen
I secured one of pyrrocephalus
I saw another flying about the
cliffs of the island.
Others were seen on the rocks near
the water.
Boobies are common both Forayabed
and pink footed. the latter are
seen on their nests in the lower
cutter trees but no eggs were seen
The variegated boobies are on the
rocks at the top of the cliff they
are not nesting. Both species are
very tame allowing very close
approach.
Frigate birds are common. are in
the last stages of family raising.
Well grown birds being numerous
I one nests contain badly incubated eggs
We got away from the island about
1.30 and started for Culpepper
in the P.M.
Sooty terns ~~were~~ are finishing nesting
a ~~nearly~~ grown young were taken.

Culpepper.

Sept 25-06

Sailed here about 10 a.m. The island is merely a big rock thrust up out of the ocean upward to [illegible] feet. A top of tufa bottom of basalt.
The only place available is ~~[illegible]~~ ~~that~~ a steep hill side on the north side of the island. The top not being accessible.
Birds on this small area are not numerous. There seen were

Warblers ~~[illegible]~~ six
~~[illegible]~~ ~~[illegible]~~
[illegible] 4
Darwini 8 or 10
Certhidea a few
Magnirostris one
[illegible] common.

Land birds are somewhat more wild than on Wenman.
Booby terns are common on the rock ~~the~~ a few freshly incubated eggs were found.
[illegible] is very common they have freshly incubated eggs to full grown young.
Pink footed boobies have nests but few eggs. These seen were fresh

Culpepper

Variegated boobies common not nesting.
Sooty terns are very common about the island but none were seen on it.
Frigate birds common. All have half sized young.
Tropic birds were seen flying about.
Puffinus were heard and seen flying about but I found no birds in holes.
We got away from the island about 2 p.m. and then headed toward Clarion.
During the rest of the day Frigate birds, pink footed & white footed boobies and sooty terns by the hundred were seen making their way through the fog toward Culpepper. This island is the home of thousands upon thousands of these birds.